# Summaries of British Columbia Herring Sampling Data for the 1981-82 Season

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November 1982

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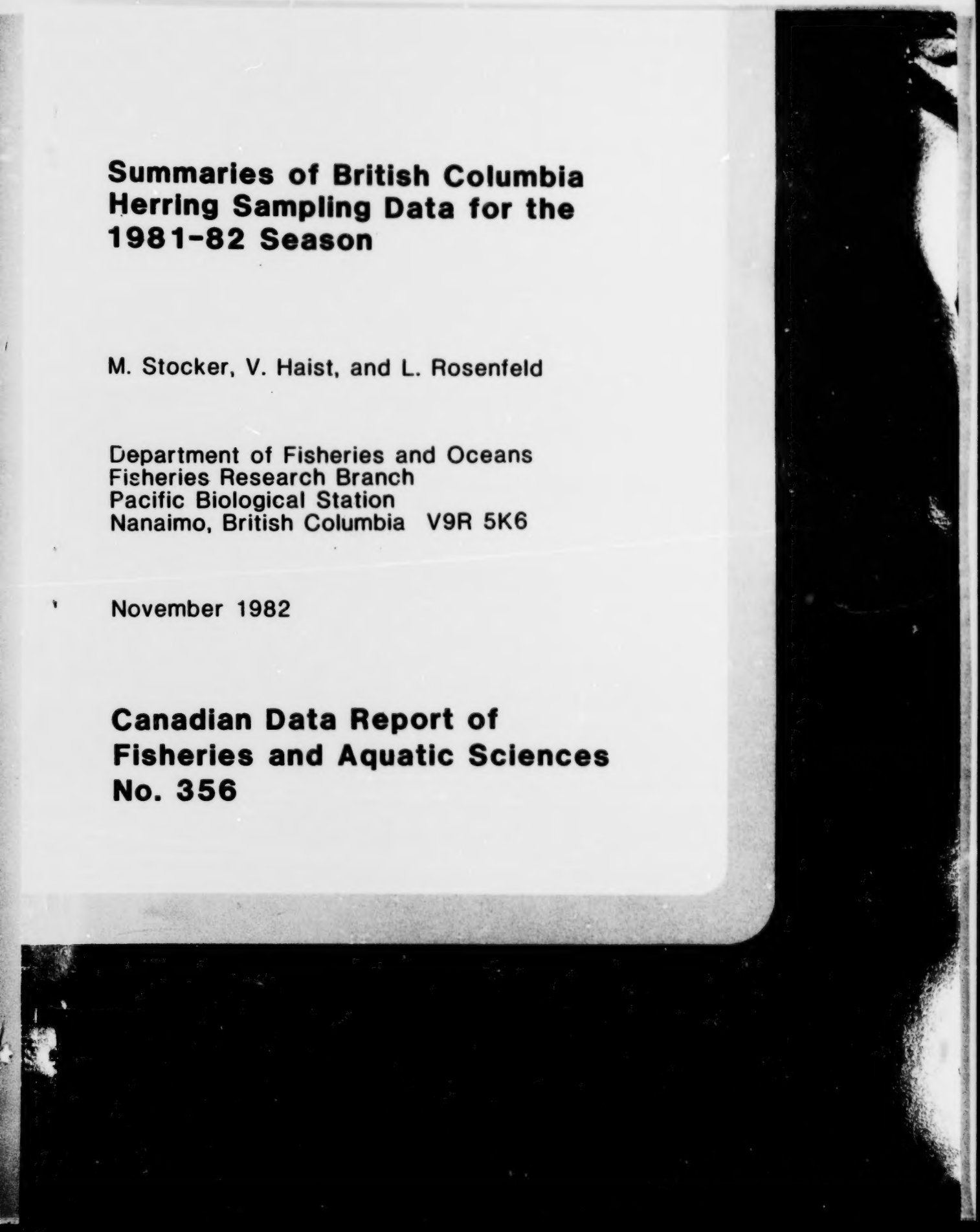

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## ABSTRACT

Stocker, M., V. Haist, and L. Rosenfeld. 1982. Summaries of British Columbia herring sampling data for the 1981-82 season. Can. Data Rep. Fish. Aquat. Sci. No. 356: v + 273 p.

Age compositions and the average length and weight at age, the sex ratio, and the maturity stages of combined samples by geographical area, time period, gear type, and source are tabulated. Tables are given for two geographical groupings: statistical areas and sections.


Key words: Clupea harengus pallasi, stock assessment, age composition, fish length, fish weight, maturity, sex ratio.


## RESUME

Stocker, M., V. Haist, and L. Rosenfeld. 1982. Summaries of British Columbia herring sampling data for the 1981-82 season. Can. Data Rep. Fish. Aquat. Sci. No. 356: v + 273 p.

Le présent rapport résume sous forme de tableaux les données sur la composition par âge, la longueur et le poids à un âge donné, le rapport des sexes, les stades de maturité des échantillons combinés selon la région, le temps, le type d'engin et l'origine. Les tableaux couvrent deux regroupements géographiques, soit les zones et les sections statistiques.


Mots-clés: Clupea harengus pallasi, évaluation du stock, composition par âge, longueur du poisson, poids du poisson, maturité, rapport des sexes.

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# INTRODUCTION

Biological samples of herring are collected on an annual basis. The information obtained is used in stock assessments, and for determining stock characteristics. Length, weight, sex, maturity, and age are determined for individual fish. The data are summarized in various formats for different analysis. Biological characteristics are summarized in this report by various geographical groupings, time periods, gear types, and source types. This information is used by fishery managers in the field prior to and during fisheries in their respective areas.

The sampling data also form an integral part of Hourston's stock assessment method (Hourston and Schweigert 1981). Estimates of the age composition, the average length, average weight, and percent females at age in the catch summarized by section, week, and gear are calculated by computer analysis. These summaries combined with estimates of spawning escapements from egg depositions are added to an ongoing inventory of the stocks. The sampling information is also used for alternative stock assessment methods (Stocker et al 1982).

Detailed sampling data have been archived since the 1950-51 season (Hourston and Issacson 1972). Individual fish records are maintained on permanent computer files providing a 32-year series of data accessible for analyses and modelling.

# METHODS

## COLLECTION AND PROCESSING OF SAMPLES

Samples are collected from a number of sources with the majority obtained from commercial catches and from pre-fishery charter and research cruises. Port samplers collect catch samples from all major fisheries from vessels unloading at processing plants. An objective of the catch sampling program is to obtain 10 samples from each seine roe fishery and six samples from each gillnet roe fishery. When the fisheries occur over relatively large geographical areas or over a number of days an attempt is made to collect samples throughout the range of the fishery.

Samples from the test fisheries are collected by fisheries officers aboard the pre-fishery charter vessels. Research samples, primarily from the herring tagging program, are collected by staff of the Pacific Biological Station.

Samples are frozen on board vessels or at district offices and later shipped to the DFO laboratory in North Vancouver where they are processed following standard procedures described by Hourston and Miller (1980).

## DATA COMPILATION AND SCREENING

The recorded data are entered onto computer tapes. The data are screened by computer for relationships between age, length, and weight which are outside the normal range for the coast as a whole (mean $\pm$ 2 standard deviations). Anomalies are listed and the associated data checked for possible errors in recording or coding.

## RESULTS

Number of herring samples collected in British Columbia for the 1981-82 season are summarized by gear type and division (Table 1). Number of samples and number of fish collected are also summarized by source and management unit (Table 2).

The summary reports include various groupings of samples by geographical area, time period, gear type, and source (Tables 5-18). The two levels of geographic grouping used are sections (Figs. 1 and 2) and statistical areas (Figs. 3 and 4). The time periods used are weeks (Table 3) and season.

Each summary contains information on the age composition, the average length and weight at age, the sex ratio, and the maturity stages of the combined samples in that report. Female roe maturity is defined as:

immature - Hjort stages 1-4 (Table 4)
mature - Hjort stages 5-6 (Table 4)
spent - Hjort stages 7-8 (Table 4).

Fish classified as immature in estimating the sex ratio are those whose gonads are not developed for distinguishing their sex.

## ACKNOWLEDGMENTS

Bruce McCarter kept track of all the samples. We thank Dennis Chalmers for his valuable input in the design of the summary tables. Unicove Services Ltd. collected and processed the samples. The figures were prepared by Doug Miller.

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Table 1. Number of herring samples collected in British Columbia for the 1981-82 season by gear type and division.

| Gear type | Division | | | | | | |
|---|---|---|---|---|---|---|---|
| | Queen Charlotte Islands | North Coast | Central Coast | Johnstone Strait | Gulf of Georgia | West Coast Vancouver Island | All |
| Gillnet | 8 | | 21 | | 16 | 18 | 63 |
| Herring seine | 87 | 37 | 54 | 6 | 147 | 87 | 418 |
| Herring trawl | | 22 | | 2 | 8 | | 32 |
| Other | | | | | | 1 | 1 |
| All | 95 | 59 | 75 | 8 | 171 | 106 | 514 |

Table 2. Number of herring samples and number of fish collected in British Columbia for the 1981-82 season by source and management unit.

| | Roe fishery | | | Food fishery | | | Inshore research | | | Pre-fishery charter | | | Other | | | All | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. of samples | No. of fish | Fish aged | No. of samples | No. of fish | Fish aged | No. of samples | No. of fish | Fish aged | No. of samples | No. of fish | Fish aged | No. of samples | No. of fish | Fish aged | No. of samples | No. of fish | Fish aged |
| North Coast | | | | 15 | 1489 | 1064 | | | | | | | | | | 15 | 1489 | 1064 |
| Louscoone Inlet | | | | | | | | | | 5 | 497 | 385 | | | | 5 | 497 | 385 |
| Other Area 2W | 14 | 1391 | 1159 | | | | | | | 7 | 693 | 567 | | | | 21 | 2084 | 1726 |
| Laskeek | 22 | 2186 | 1568 | | | | | | | 14 | 1351 | 1127 | | | | 36 | 3537 | 2695 |
| Skincuttle | 9 | 900 | 597 | | | | | | | 4 | 344 | 263 | 1 | 100 | 94 | 14 | 1344 | 954 |
| Other Area 2E | | | | | | | | | | 4 | 350 | 270 | | | | 4 | 350 | 270 |
| Queen Charlotte Is. Division total | 45 | 4477 | 3324 | 15 | 1489 | 1064 | | | | 34 | 3235 | 2612 | 1 | 100 | 94 | 95 | 9301 | 7094 |
| Chatham Sound | | | | | | | | | | 1 | 99 | 84 | | | | 1 | 99 | 84 |
| Porcher Island | | | | 18 | 1766 | 1164 | | | | 11 | 1094 | 919 | | | | 29 | 2860 | 2083 |
| Other North Coast | | | | 22 | 2163 | 1506 | | | | 7 | 697 | 607 | | | | 29 | 2860 | 2113 |
| North Coast Division total | | | | 40 | 3929 | 2670 | | | | 19 | 1890 | 1610 | | | | 59 | 5819 | 4280 |
| Kitasu Bay | 5 | 500 | 293 | | | | | | | 10 | 992 | 843 | | | | 15 | 1492 | 1136 |
| Milbanke Sound | 22 | 2195 | 1519 | | | | | | | 22 | 2178 | 1825 | 1 | 99 | 69 | 45 | 4472 | 3413 |
| Queens Sound | | | | | | | | | | 1 | 100 | 91 | | | | 1 | 100 | 91 |
| Kwakshua Channel | | | | | | | | | | 3 | 299 | 274 | | | | 3 | 299 | 274 |
| Other Central | | | | 9 | 885 | 611 | | | | 1 | 99 | 75 | 1 | 98 | 36 | 11 | 1082 | 722 |
| Central Division total | 27 | 2695 | 1812 | 9 | 885 | 611 | | | | 37 | 3668 | 3108 | 2 | 197 | 105 | 75 | 7445 | 5636 |
| Upper Johnstone St | | | | | | | | | | 4 | 400 | 347 | | | | 4 | 400 | 347 |
| Knight Inlet | | | | | | | | | | | | | 1 | 100 | 88 | 1 | 100 | 88 |
| Other Johnstone St | | | | 2 | 197 | 159 | | | | 1 | 100 | 75 | | | | 3 | 297 | 234 |
| Johnstone Strait Division Total | | | | 2 | 197 | 159 | | | | 5 | 500 | 422 | 1 | 100 | 88 | 8 | 797 | 669 |

Table 2 (cont'd)

| | Roe fishery | | | Food fishery | | | Inshore research | | | Pre-fishery charter | | | Other | | | All | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. of samples | No. of fish | Fish aged | No. of samples | No. of fish | Fish aged | No. of samples | No. of fish | Fish aged | No. of samples | No. of fish | Fish aged | No. of samples | No. of fish | Fish aged | No. of samples | No. of fish | Fish aged |
| Powell River | | | | | | | | | | 12 | 1191 | 944 | | | | 12 | 1191 | 944 |
| Nanaimo-Comox | 16 | 1568 | 833 | | | | 4 | 399 | 253 | 20 | 1972 | 1366 | | | | 40 | 3939 | 2452 |
| Yellow Point | 11 | 1087 | 645 | 22 | 2121 | 1444 | 18 | 1790 | 1190 | 5 | 497 | 339 | | | | 56 | 5495 | 3618 |
| Ganges-Plumper | | | | | | | | | | 4 | 395 | 251 | | | | 4 | 395 | 251 |
| Other Gulf | | | | 14 | 1391 | 919 | 8 | 796 | 550 | 31 | 3084 | 2165 | 6 | 595 | 337 | 59 | 5866 | 3971 |
| Gulf of Georgia Division total | 27 | 2655 | 1478 | 36 | 3512 | 2363 | 30 | 2985 | 1993 | 72 | 7139 | 5065 | 6 | 595 | 337 | 171 | 16886 | 11236 |
| West Barkley | 12 | 1191 | 779 | | | | | | | 16 | 1591 | 953 | | | | 28 | 2782 | 1732 |
| Other Area 23 | | | | | | | | | | 7 | 692 | 420 | | | | 7 | 692 | 420 |
| South Clayoquot | 14 | 1396 | 804 | | | | | | | 11 | 1092 | 799 | | | | 25 | 2488 | 1603 |
| Other Area 24 | | | | | | | | | | 7 | 698 | 528 | | | | 7 | 698 | 528 |
| Nootka Sound | | | | | | | | | | 2 | 195 | 175 | | | | 2 | 195 | 175 |
| Nachatlitz Inlet | 9 | 899 | 511 | | | | | | | 12 | 1198 | 941 | | | | 21 | 2097 | 1452 |
| Quatsino Sound | 4 | 394 | 245 | | | | | | | 11 | 1088 | 921 | | | | 15 | 1482 | 1166 |
| Other Upper West | | | | | | | | | | 1 | 50 | 45 | | | | 1 | 50 | 45 |
| West Coast Division total | 39 | 3880 | 2339 | | | | | | | 67 | 6604 | 4782 | | | | 106 | 10484 | 7121 |
| Total for coast | 138 | 13707 | 8953 | 102 | 10012 | 6867 | 30 | 2985 | 1993 | 234 | 23036 | 17599 | 10 | 992 | 624 | 514 | 50732 | 36036 |

Table 3. Week numbers for Pacific herring data for the 1981-82 season.

| Number | Dates | Number | Dates |
|---|---|---|---|
| 1 | July 1-4 | 27 | Dec. 27-Jan. 2 |
| 2 | July 5-11 | 28 | Jan. 3-9 |
| 3 | July 12-18 | 29 | Jan. 10-16 |
| 4 | July 19-25 | 30 | Jan. 17-23 |
| 5 | July 26-Aug. 1 | 31 | Jan. 24-30 |
| 6 | Aug. 2-8 | 32 | Jan. 31-Feb. 6 |
| 7 | Aug. 9-15 | 33 | Feb. 7-13 |
| 8 | Aug. 16-22 | 34 | Feb. 14-20 |
| 9 | Aug. 23-29 | 35 | Feb. 21-27 |
| 10 | Aug. 30-Sept. 5 | 36 | Feb. 28-Mar. 6 |
| 11 | Sept. 6-12 | 37 | Mar. 7-13 |
| 12 | Sept. 13-19 | 38 | Mar. 14-20 |
| 13 | Sept. 20-26 | 39 | Mar. 21-27 |
| 14 | Sept. 27-Oct. 3 | 40 | Mar. 28-Apr. 3 |
| 15 | Oct. 4-10 | 41 | Apr. 4-10 |
| 16 | Oct. 11-17 | 42 | Apr. 11-17 |
| 17 | Oct. 18-24 | 43 | Apr. 18-24 |
| 18 | Oct. 25-31 | 44 | Apr. 25-May 1 |
| 19 | Nov. 1-7 | 45 | May 2-8 |
| 20 | Nov. 8-14 | 46 | May 9-15 |
| 21 | Nov. 15-21 | 47 | May 16-22 |
| 22 | Nov. 22-28 | 48 | May 23-29 |
| 23 | Nov. 29-Dec. 5 | 49 | May 30-June 5 |
| 24 | Dec. 6-12 | 50 | June 6-12 |
| 25 | Dec. 13-19 | 51 | June 13-19 |
| 26 | Dec. 20-26 | 52 | June 20-26 |
| | | 53 | June 27-30 |

Table 4. Maturity stages for Pacific herring. The descriptions of each stage are adapted from criteria developed for Atlantic herring (Bowers and Holliday 1961; Parrish and Saville 1965) and modified to suit the unique characteristics of Pacific herring which are exclusively winter-spring spawners.

| Stage | State of maturity | Gonad appearance | Description | Timing |
|---|---|---|---|---|
| I. | Undeveloped | Thread-shaped | Virgin herring with small gonads, less than 2 mm broad. Accurate macroscopic determination of sex not usually possible. | Year-round for young herring, usually less than 150 mm in standard length. |
| II. | Starting | Ribbon-shaped | Gonads increased in breadth to 3-5 mm. Sex determination possible. Testes reddish-gray colored and knife-shaped; ovaries reddish-wine colored and rounder. (The gonads of virgins and some repeat spawners cannot be distinguished macroscopically.) | Late spring and early summer. |
| III. | Developing | Tube-like | Gonads thickened, increased in breadth (5-15 mm) and elongated, but not extending full length of body cavity. Ovaries red to reddish-orange with granular appearance; testes reddish-gray with smooth texture. | Late summer and early fall. |
| IV. | Maturing | Prominent | Gonads extend full length of body cavity. Ovaries reddish-orange to yellow; eggs distinguishable, opaque, variable in size and separable. Testes mostly grey; and will ooze sperm if sliced with a knife. Blood vessels clearly visible in the ovary and testes walls. | Late fall and early winter (slightly earlier in males than females). |

Table 4 (cont'd)

| Stage | State of maturity | Gonad appearance | Description | Timing |
|---|---|---|---|---|
| V. | Mature | Bulging | No blood vessels visible in gonad walls. Ovaries gold-yellow; eggs mostly transparent and uniform in size. Eggs can be exuded from the ovary under pressure and are adhesive on contact. Testes milk-white; sperm will flow under pressure. | Early winter for males, late winter for females. |
| VI. | Ripe | Running | Eggs transparent. Eggs and sperm flow easily without external pressure. | A few days prior to spawning (usually in late winter or early spring). |
| VII. | Spent | Baggy | Gonads slack. Ovaries may contain a few residual eggs. Testes limp and bloodshot. | Early spring for the first few weeks following spawning. |
| VIII. | Recovering | Compressed | Gonads wine-colored and usually longer and thicker than in Stage II. Blood vessels prominent. (This stage passes into Stage III, but may resemble Stage II in the process.) | Late spring and early summer. |

TABLE 5 SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY AREA

AREA: 1 - NORTH COAST Q.C.I.

SAMPLE NUMBERS: 96, 30, 82, 67, 81, 90,108, 86, 25, 98, 64, 23, 85, 97, 72

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 16/81 - NOV 27/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 80 | 86 | 781 | 55 | 25 | 19 | 6 | 11 | 425 | 1489 |
| % AT AGE | 0.00 | 0.09 | 7.52 | 8.08 | 73.40 | 5.17 | 2.35 | 1.79 | 0.56 | 1.03 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 145.00 | 188.35 | 205.00 | 213.55 | 224.35 | 239.52 | 244.68 | 258.50 | 255.64 | 209.04 | 212.09 |
| - STD. DEV. | 0.00 | 0.00 | 9.83 | 10.20 | 8.51 | 11.75 | 12.25 | 14.81 | 3.39 | 8.61 | 18.47 | 15.84 |
| WEIGHT - MEAN(gm) | 0.00 | 42.00 | 111.51 | 148.66 | 170.91 | 188.95 | 222.40 | 225.53 | 267.50 | 256.55 | 157.74 | 165.84 |
| - STD. DEV. | 0.00 | 0.00 | 20.63 | 23.44 | 21.34 | 26.84 | 29.30 | 36.17 | 13.46 | 20.85 | 39.77 | 35.25 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 8 | 202 | 746 | 492 | 41 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.54 | 13.57 | 50.10 | 33.04 | 2.75 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 762 | 0 | 0 | 762 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 727 | 762 | 0 | 1489 |
| % | 48.82 | 51.18 | 0.00 | 100.00 |
| MEAN WEIGHT | 164.06 | 167.53 | 0.00 | 165.84 |
| % SAMP. WT. | 48.30 | 51.70 | 0.00 | 100.00 |

TABLE 5 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY AREA

AREA: 5 - GRENVILLE-PRINCIPE

SAMPLE NUMBERS: 19, 26, 55,100, 62, 22,109, 88,103, 76, 57,105, 83, 20, 21, 78, 35, 41

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 16/81 - NOV 27/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 7 | 144 | 280 | 520 | 130 | 78 | 44 | 22 | 7 | 519 | 1751 |
| % AT AGE | 0.00 | 0.57 | 11.69 | 22.73 | 42.21 | 10.55 | 6.33 | 3.57 | 1.79 | 0.57 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 150.71 | 175.10 | 192.51 | 198.45 | 219.82 | 229.35 | 229.30 | 238.36 | 241.29 | 192.03 | 197.90 |
| - STD. DEV. | 0.00 | 11.10 | 8.32 | 8.48 | 10.14 | 11.26 | 11.72 | 11.54 | 12.51 | 4.42 | 23.65 | 20.82 |
| WEIGHT - MEAN(gm) | 0.00 | 53.57 | 85.85 | 114.70 | 126.73 | 156.77 | 177.46 | 179.02 | 187.00 | 207.00 | 116.89 | 125.12 |
| - STD. DEV. | 0.00 | 13.99 | 12.33 | 15.46 | 19.64 | 24.61 | 25.31 | 30.10 | 30.76 | 27.66 | 47.32 | 38.31 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 50 | 519 | 850 | 316 | 16 | 0 | 0 | 0 | 0 |
| % AT STAGE | 2.86 | 29.64 | 48.54 | 18.05 | 0.91 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 848 | 1 | 0 | 849 |
| % | 99.88 | 0.12 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 902 | 849 | 0 | 1751 |
| % | 51.51 | 48.49 | 0.00 | 100.00 |
| MEAN WEIGHT | 124.28 | 126.01 | 0.00 | 125.12 |
| % SAMP. WT. | 51.17 | 48.83 | 0.00 | 100.00 |

TABLE 5 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY AREA

AREA: 6 - BUTEDALE

SAMPLE NUMBERS: 84, 58, 94, 77, 92,110, 31, 79, 46

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 24/81 - NOV 25/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 7 | 32 | 87 | 208 | 98 | 79 | 62 | 23 | 15 | 274 | 885 |
| % AT AGE | 0.00 | 1.15 | 5.24 | 14.24 | 34.04 | 16.04 | 12.93 | 10.15 | 3.76 | 2.45 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 157.29 | 173.78 | 193.21 | 199.98 | 217.98 | 226.86 | 231.42 | 239.30 | 239.53 | 204.46 | 207.71 |
| - STD. DEV. | 0.00 | 8.98 | 8.94 | 9.93 | 11.50 | 11.43 | 10.64 | 10.32 | 9.83 | 6.23 | 43.05 | 29.63 |
| WEIGHT - MEAN(gm) | 0.00 | 59.29 | 79.53 | 109.57 | 123.17 | 152.14 | 167.39 | 183.55 | 203.83 | 202.13 | 128.36 | 136.18 |
| - STD. DEV. | 0.00 | 11.69 | 11.42 | 17.01 | 20.40 | 28.44 | 27.35 | 26.49 | 29.95 | 17.81 | 42.45 | 40.93 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 7 | 127 | 542 | 194 | 15 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.79 | 14.35 | 61.24 | 21.92 | 1.69 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 458 | 0 | 0 | 458 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 426 | 458 | 1 | 885 |
| % | 48.14 | 51.75 | 0.11 | 100.00 |
| MEAN WEIGHT | 130.22 | 141.92 | 44.00 | 136.18 |
| % SAMP. WT. | 46.03 | 53.93 | 0.04 | 100.00 |

TABLE 5 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY AREA

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 65, 8, 17, 3, 39,119,107, 75, 29, 14,
16, 45,101,111, 42,112,114, 27, 11, 69,
43, 15, 44, 59,116, 13, 71, 18, 28, 74,
106,120, 80

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 17/81 - NOV 30/81

SPECIMENS AT EACH AGE:

| | AGE 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO. AT AGE | 0 | 76 | 798 | 694 | 344 | 130 | 92 | 19 | 2 | 1 | 1058 | 3214 |
| % AT AGE | 0.00 | 3.53 | 37.01 | 32.19 | 15.96 | 6.03 | 4.27 | 0.88 | 0.09 | 0.05 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 163.30 | 183.87 | 196.40 | 208.24 | 218.55 | 225.36 | 230.16 | 213.00 | 232.00 | 193.87 | 194.89 |
| - STD. DEV. | 0.00 | 8.12 | 8.55 | 8.55 | 9.31 | 9.14 | 8.38 | 8.96 | 4.24 | 0.00 | 16.64 | 16.51 |
| WEIGHT - MEAN(gm) | 0.00 | 70.76 | 102.35 | 125.77 | 150.59 | 172.81 | 188.75 | 197.58 | 160.50 | 203.00 | 122.89 | 124.54 |
| - STD. DEV. | 0.00 | 11.69 | 15.50 | 17.83 | 21.19 | 23.68 | 21.30 | 19.48 | 17.68 | 0.00 | 33.19 | 33.02 |

HJORT MATURITY STAGES:

| | MATURITY STAGE 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
|---|---|---|---|---|---|---|---|---|---|
| NO. AT STAGE | 12 | 346 | 1651 | 1036 | 167 | 2 | 0 | 0 | 0 |
| % AT STAGE | 0.37 | 10.77 | 51.37 | 32.23 | 5.20 | 0.06 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1588 | 11 | 0 | 1599 |
| % | 99.31 | 0.69 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 1614 | 1599 | 0 | 3213 |
| % | 50.23 | 49.77 | 0.00 | 100.00 |
| MEAN WEIGHT | 121.32 | 127.77 | 0.00 | 124.53 |
| % SAMP. WT. | 48.94 | 51.06 | 0.00 | 100.00 |

TABLE 6 SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 11 - OTHER AREA 1

SAMPLE NUMBERS: 96, 30, 82, 67, 81, 90,108, 86, 25, 98, 64, 23, 85, 97, 72

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 16/81 - NOV 27/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 80 | 86 | 781 | 55 | 25 | 19 | 6 | 11 | 425 | 1489 |
| % AT AGE | 0.00 | 0.09 | 7.52 | 8.08 | 73.40 | 5.17 | 2.35 | 1.79 | 0.56 | 1.03 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 145.00 | 188.35 | 205.00 | 213.55 | 224.35 | 239.52 | 244.68 | 258.50 | 255.64 | 209.04 | 212.09 |
| - STD. DEV. | 0.00 | 0.00 | 9.83 | 10.20 | 8.51 | 11.75 | 12.25 | 14.81 | 3.39 | 8.61 | 18.47 | 15.84 |
| WEIGHT - MEAN(gm) | 0.00 | 42.00 | 111.51 | 148.66 | 170.91 | 188.95 | 222.40 | 225.53 | 267.50 | 256.55 | 157.74 | 165.84 |
| - STD. DEV. | 0.00 | 0.00 | 20.63 | 23.44 | 21.34 | 26.84 | 29.30 | 36.17 | 13.46 | 20.85 | 39.77 | 35.25 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 8 | 202 | 746 | 492 | 41 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.54 | 13.57 | 50.10 | 33.04 | 2.75 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 762 | 0 | 0 | 762 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 727 | 762 | 0 | 1489 |
| % | 48.82 | 51.18 | 0.00 | 100.00 |
| MEAN WEIGHT | 164.06 | 167.53 | 0.00 | 165.84 |
| % SAMP. WT. | 48.30 | 51.70 | 0.00 | 100.00 |

TABLE 6 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 51 - OTHER AREA 5

SAMPLE NUMBERS: 26,100,109, 88,103, 57, 83, 20, 78, 41

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 16/81 - NOV 24/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 5 | 97 | 198 | 340 | 26 | 13 | 15 | 4 | 2 | 276 | 976 |
| % AT AGE | 0.00 | 0.71 | 13.86 | 28.29 | 48.57 | 3.71 | 1.86 | 2.14 | 0.57 | 0.29 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 147.80 | 174.20 | 192.29 | 196.34 | 215.77 | 228.23 | 228.60 | 237.75 | 240.50 | 185.83 | 191.79 |
| - STD. DEV. | 0.00 | 11.39 | 8.07 | 8.06 | 8.05 | 12.50 | 9.89 | 13.16 | 9.29 | 3.54 | 20.31 | 17.11 |
| WEIGHT - MEAN(gm) | 0.00 | 50.80 | 85.22 | 115.51 | 124.22 | 152.85 | 187.46 | 186.80 | 195.25 | 222.00 | 108.82 | 116.90 |
| - STD. DEV. | 0.00 | 16.12 | 12.46 | 15.16 | 16.44 | 24.68 | 18.37 | 27.26 | 27.89 | 26.87 | 49.24 | 35.47 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 35 | 208 | 526 | 203 | 4 | 0 | 0 | 0 | 0 |
| % AT STAGE | 3.59 | 21.31 | 53.89 | 20.80 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 473 | 1 | 0 | 474 |
| % | 99.79 | 0.21 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 502 | 474 | 0 | 976 |
| % | 51.43 | 48.57 | 0.00 | 100.00 |
| MEAN WEIGHT | 113.95 | 120.03 | 0.00 | 116.90 |
| % SAMP. WT. | 50.13 | 49.87 | 0.00 | 100.00 |

TABLE 6 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 35, 21,105, 76, 55, 19, 62, 22

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 26/81 - NOV 27/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 2 | 47 | 82 | 180 | 104 | 65 | 29 | 18 | 5 | 243 | 775 |
| % AT AGE | 0.00 | 0.38 | 8.83 | 15.41 | 33.83 | 19.55 | 12.22 | 5.45 | 3.38 | 0.94 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 158.00 | 176.98 | 193.05 | 202.44 | 220.84 | 229.57 | 229.66 | 238.50 | 241.60 | 199.07 | 205.58 |
| - STD. DEV. | 0.00 | 8.49 | 8.61 | 9.45 | 12.27 | 10.76 | 12.11 | 10.85 | 13.34 | 5.08 | 25.19 | 22.49 |
| WEIGHT - MEAN(gm) | 0.00 | 60.50 | 87.17 | 112.77 | 131.46 | 157.75 | 175.46 | 175.00 | 185.17 | 201.00 | 126.05 | 135.46 |
| - STD. DEV. | 0.00 | 0.71 | 12.09 | 16.09 | 23.91 | 24.61 | 26.14 | 31.16 | 31.81 | 28.45 | 43.35 | 39.26 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 15 | 311 | 324 | 113 | 12 | 0 | 0 | 0 | 0 |
| % AT STAGE | 1.94 | 40.13 | 41.81 | 14.58 | 1.55 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 375 | 0 | 0 | 375 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 400 | 375 | 0 | 775 |
| % | 51.61 | 48.39 | 0.00 | 100.00 |
| MEAN WEIGHT | 137.24 | 133.57 | 0.00 | 135.46 |
| % SAMP. WT. | 52.29 | 47.71 | 0.00 | 100.00 |

TABLE 6 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 61 - OTHER AREA 6

SAMPLE NUMBERS: 31, 79, 46, 92,110, 77, 58, 94, 84

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 24/81 - NOV 25/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 7 | 32 | 87 | 208 | 98 | 79 | 62 | 23 | 15 | 274 | 885 |
| % AT AGE | 0.00 | 1.15 | 5.24 | 14.24 | 34.04 | 16.04 | 12.93 | 10.15 | 3.76 | 2.45 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 157.29 | 173.78 | 193.21 | 199.98 | 217.98 | 226.86 | 231.42 | 239.30 | 239.53 | 204.46 | 207.71 |
| - STD. DEV. | 0.00 | 8.98 | 8.94 | 9.93 | 11.50 | 11.43 | 10.64 | 10.32 | 9.83 | 6.23 | 43.05 | 29.63 |
| WEIGHT - MEAN(gm) | 0.00 | 59.29 | 79.53 | 109.57 | 123.17 | 152.14 | 167.39 | 183.55 | 203.83 | 202.13 | 128.36 | 136.16 |
| - STD. DEV. | 0.00 | 11.69 | 11.42 | 17.01 | 20.40 | 28.44 | 27.35 | 26.49 | 29.95 | 17.81 | 42.45 | 40.93 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 7 | 127 | 542 | 194 | 15 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.79 | 14.35 | 61.24 | 21.92 | 1.69 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 458 | 0 | 0 | 458 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 426 | 458 | 1 | 885 |
| % | 48.14 | 51.75 | 0.11 | 100.00 |
| MEAN WEIGHT | 130.22 | 141.92 | 44.00 | 136.18 |
| % SAMP. WT. | 46.03 | 53.93 | 0.04 | 100.00 |

TABLE 6 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 59,116, 11, 42,120, 80, 65, 17,119, 29, 16, 45

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 23/81 - NOV 30/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 34 | 282 | 233 | 124 | 62 | 37 | 9 | 1 | 0 | 410 | 1192 |
| % AT AGE | 0.00 | 4.35 | 36.06 | 29.80 | 15.86 | 7.93 | 4.73 | 1.15 | 0.13 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 162.94 | 182.92 | 195.88 | 207.48 | 219.76 | 227.86 | 228.11 | 210.00 | 0.00 | 191.88 | 194.20 |
| - STD. DEV. | 0.00 | 7.69 | 7.98 | 8.95 | 9.92 | 7.72 | 8.82 | 6.85 | 0.00 | 0.00 | 17.48 | 17.61 |
| WEIGHT - MEAN(gm) | 0.00 | 69.74 | 99.78 | 123.60 | 147.70 | 174.84 | 194.08 | 190.56 | 148.00 | 0.00 | 118.59 | 122.59 |
| - STD. DEV. | 0.00 | 10.46 | 14.38 | 19.05 | 21.14 | 21.75 | 24.79 | 15.43 | 0.00 | 0.00 | 34.92 | 35.25 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 7 | 119 | 656 | 341 | 69 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.59 | 9.98 | 55.03 | 28.61 | 5.79 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 586 | 6 | 0 | 592 |
| % | 98.99 | 1.01 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 599 | 592 | 0 | 1191 |
| % | 50.29 | 49.71 | 0.00 | 100.00 |
| MEAN WEIGHT | 118.30 | 126.89 | 0.00 | 122.57 |
| % SAMP. WT. | 48.54 | 51.46 | 0.00 | 100.00 |

TABLE 6 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 75,107, 14, 39, 8, 3,112,101,111, 69, 27,114, 43, 13, 71, 18, 28, 74,106, 15, 44

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 17/81 - NOV 30/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 42 | 516 | 461 | 220 | 68 | 55 | 10 | 1 | 1 | 648 | 2022 |
| % AT AGE | 0.00 | 3.06 | 37.55 | 33.55 | 16.01 | 4.95 | 4.00 | 0.73 | 0.07 | 0.07 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 163.60 | 184.39 | 196.67 | 208.66 | 217.44 | 223.71 | 232.00 | 216.00 | 232.00 | 195.13 | 195.30 |
| - STD. DEV. | 0.00 | 8.53 | 8.79 | 8.33 | 8.94 | 10.19 | 7.71 | 10.53 | 0.00 | 0.00 | 15.96 | 15.80 |
| WEIGHT - MEAN(gm) | 0.00 | 71.60 | 103.75 | 126.86 | 152.21 | 170.96 | 185.16 | 203.90 | 173.00 | 203.00 | 125.61 | 125.68 |
| - STD. DEV. | 0.00 | 12.66 | 15.91 | 17.10 | 21.08 | 25.33 | 17.95 | 21.30 | 0.00 | 0.00 | 31.77 | 31.59 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 5 | 227 | 995 | 695 | 98 | 2 | 0 | 0 | 0 |
| % AT STAGE | 0.25 | 11.23 | 49.21 | 34.37 | 4.85 | 0.10 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1002 | 5 | 0 | 1007 |
| % | 99.50 | 0.50 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 1015 | 1007 | 0 | 2022 |
| % | 50.20 | 49.80 | 0.00 | 100.00 |
| MEAN WEIGHT | 123.10 | 128.29 | 0.00 | 125.68 |
| % SAMP. WT. | 49.16 | 50.84 | 0.00 | 100.00 |

TABLE 7 TRAWL COMMERCIAL FOOD SAMPLE SUMMARIES BY AREA

AREA: 5 - GRENVILLE-PRINCIPE

SAMPLE NUMBERS: 115, 52,102, 68, 48, 99, 66, 40, 63, 95, 32, 61, 93, 24, 89, 73, 87, 56, 53,104, 60, 70

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

DATE: NOV 15/81 - NOV 25/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 34 | 164 | 268 | 577 | 150 | 98 | 90 | 33 | 23 | 740 | 2177 |
| % AT AGE | 0.00 | 2.37 | 11.41 | 18.65 | 40.15 | 10.44 | 6.82 | 6.26 | 2.30 | 1.60 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 150.76 | 175.85 | 191.63 | 198.63 | 219.15 | 226.39 | 235.29 | 241.33 | 248.30 | 191.33 | 198.17 |
| - STD. DEV. | 0.00 | 13.36 | 8.26 | 9.43 | 11.29 | 12.45 | 10.56 | 9.82 | 9.49 | 14.62 | 24.34 | 23.42 |
| WEIGHT - MEAN(gm) | 0.00 | 52.71 | 87.41 | 114.41 | 127.80 | 158.86 | 172.41 | 190.71 | 208.67 | 225.48 | 113.93 | 126.23 |
| - STD. DEV. | 0.00 | 16.46 | 13.91 | 18.23 | 20.80 | 27.88 | 23.70 | 29.53 | 32.79 | 43.47 | 39.20 | 40.75 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 57 | 512 | 1207 | 385 | 16 | 0 | 0 | 0 | 0 |
| % AT STAGE | 2.62 | 23.52 | 55.44 | 17.68 | 0.73 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1027 | 0 | 0 | 1027 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 1148 | 1027 | 1 | 2176 |
| % | 52.76 | 47.20 | 0.05 | 100.00 |
| MEAN WEIGHT | 125.48 | 127.20 | 30.00 | 126.24 |
| % SAMP. WT. | 52.44 | 47.55 | 0.01 | 100.00 |

TABLE 7 (CONT.) TRAWL COMMERCIAL FOOD SAMPLE SUMMARIES BY AREA

AREA: 13 - QUATHIASKI

SAMPLE NUMBERS: 9, 12

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

DATE: NOV 30/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 41 | 56 | 45 | 7 | 4 | 4 | 0 | 2 | 38 | 197 |
| % AT AGE | 0.00 | 0.00 | 25.79 | 35.22 | 28.30 | 4.40 | 2.52 | 2.52 | 0.00 | 1.26 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 183.02 | 194.68 | 201.93 | 209.00 | 214.75 | 222.75 | 0.00 | 230.00 | 194.68 | 195.76 |
| - STD. DEV. | 0.00 | 0.00 | 8.81 | 9.98 | 10.00 | 6.90 | 9.43 | 9.46 | 0.00 | 12.73 | 17.61 | 14.61 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 95.63 | 118.54 | 130.96 | 150.57 | 164.75 | 189.00 | 0.00 | 199.00 | 116.97 | 120.63 |
| - STD. DEV. | 0.00 | 0.00 | 16.62 | 18.31 | 21.29 | 24.12 | 14.17 | 29.20 | 0.00 | 36.77 | 34.42 | 30.09 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 24 | 100 | 50 | 22 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.51 | 12.18 | 50.76 | 25.38 | 11.17 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 65 | 0 | 0 | 65 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 132 | 65 | 0 | 197 |
| % | 67.01 | 32.99 | 0.00 | 100.00 |
| MEAN WEIGHT | 120.87 | 120.14 | 0.00 | 120.63 |
| % SAMP. WT. | 67.14 | 32.86 | 0.00 | 100.00 |

TABLE 7 (CONT.) TRAWL COMMERCIAL FOOD SAMPLE SUMMARIES BY AREA

AREA: 19 -

SAMPLE NUMBERS: 1

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

DATE: NOV 3/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 2 | 51 | 18 | 6 | 1 | 0 | 0 | 0 | 0 | 22 | 100 |
| % AT AGE | 0.00 | 2.56 | 65.38 | 23.08 | 7.69 | 1.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 172.00 | 183.12 | 199.67 | 210.33 | 212.00 | 0.00 | 0.00 | 0.00 | 0.00 | 177.45 | 186.55 |
| - STD. DEV. | 0.00 | 9.90 | 9.21 | 9.86 | 9.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 25.91 | 17.55 |
| WEIGHT - MEAN(gm) | 0.00 | 89.50 | 103.82 | 134.83 | 153.67 | 181.00 | 0.00 | 0.00 | 0.00 | 0.00 | 105.14 | 113.17 |
| - STD. DEV. | 0.00 | 20.51 | 18.45 | 19.35 | 23.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.82 | 28.03 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 25 | 56 | 17 | 0 | 0 | 0 | 1 | 0 |
| % AT STAGE | 1.00 | 25.00 | 56.00 | 17.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 41 | 0 | 1 | 42 |
| % | 97.62 | 0.00 | 2.38 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 57 | 42 | 1 | 100 |
| % | 57.00 | 42.00 | 1.00 | 100.00 |
| MEAN WEIGHT | 112.54 | 115.57 | 48.00 | 113.17 |
| % SAMP. WT. | 56.68 | 42.89 | 0.42 | 100.00 |

TABLE 8 TRAWL COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 51 - OTHER AREA 5

SAMPLE NUMBERS: 115, 52,102, 48, 66, 40, 32, 93, 89, 56, 60, 70

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

DATE: NOV 15/81 - NOV 24/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 18 | 93 | 167 | 314 | 81 | 54 | 55 | 14 | 9 | 381 | 1186 |
| % AT AGE | 0.00 | 2.24 | 11.55 | 20.75 | 39.01 | 10.06 | 6.71 | 6.83 | 1.74 | 1.12 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 154.11 | 176.33 | 191.96 | 199.17 | 220.52 | 226.11 | 235.69 | 238.14 | 244.00 | 191.06 | 198.25 |
| - STD. DEV. | 0.00 | 14.56 | 8.23 | 9.67 | 11.44 | 11.57 | 10.01 | 10.04 | 9.14 | 17.09 | 23.31 | 22.58 |
| WEIGHT - MEAN(gm) | 0.00 | 58.17 | 88.67 | 115.69 | 129.63 | 163.20 | 174.67 | 192.76 | 198.29 | 212.11 | 113.91 | 127.03 |
| - STD. DEV. | 0.00 | 17.42 | 14.44 | 19.30 | 21.00 | 26.62 | 24.23 | 30.66 | 33.19 | 52.64 | 37.98 | 39.63 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 22 | 245 | 628 | 281 | 10 | 0 | 0 | 0 | 0 |
| % AT STAGE | 1.85 | 20.66 | 52.95 | 23.69 | 0.84 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 543 | 0 | 0 | 543 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 641 | 543 | 1 | 1185 |
| % | 54.09 | 45.82 | 0.08 | 100.00 |
| MEAN WEIGHT | 126.08 | 128.40 | 30.00 | 127.06 |
| % SAMP. WT. | 53.67 | 46.31 | 0.02 | 100.00 |

TABLE 8 (CONT.) TRAWL COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 104, 53, 24, 73, 87, 61, 63, 95, 99, 68

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

DATE: NOV 15/81 - NOV 25/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 16 | 71 | 101 | 263 | 69 | 44 | 35 | 19 | 14 | 359 | 991 |
| % AT AGE | 0.00 | 2.53 | 11.23 | 15.98 | 41.61 | 10.92 | 6.96 | 5.54 | 3.01 | 2.22 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 147.00 | 175.23 | 191.08 | 197.99 | 217.55 | 226.73 | 234.66 | 243.68 | 251.07 | 191.61 | 198.08 |
| - STD. DEV. | 0.00 | 11.13 | 8.32 | 9.05 | 11.08 | 13.31 | 11.31 | 9.57 | 9.27 | 12.69 | 25.40 | 24.40 |
| WEIGHT - MEAN(gm) | 0.00 | 46.56 | 85.77 | 112.31 | 125.61 | 153.77 | 169.64 | 187.49 | 216.32 | 234.07 | 113.94 | 125.27 |
| - STD. DEV. | 0.00 | 13.27 | 13.10 | 16.20 | 20.38 | 28.65 | 23.00 | 27.78 | 31.16 | 35.90 | 40.51 | 42.05 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 35 | 267 | 579 | 104 | 6 | 0 | 0 | 0 | 0 |
| % AT STAGE | 3.53 | 26.94 | 58.43 | 10.49 | 0.61 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 484 | 0 | 0 | 484 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 507 | 484 | 0 | 991 |
| % | 51.16 | 48.84 | 0.00 | 100.00 |
| MEAN WEIGHT | 124.72 | 125.85 | 0.00 | 125.27 |
| % SAMP. WT. | 50.93 | 49.07 | 0.00 | 100.00 |

TABLE 8 (CONT.) TRAWL COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 9, 12

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

DATE: NOV 30/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 41 | 56 | 45 | 7 | 4 | 4 | 0 | 2 | 38 | 197 |
| % AT AGE | 0.00 | 0.00 | 25.79 | 35.22 | 28.30 | 4.40 | 2.52 | 2.52 | 0.00 | 1.26 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 183.02 | 194.68 | 201.93 | 209.00 | 214.75 | 222.75 | 0.00 | 230.00 | 194.68 | 195.76 |
| - STD. DEV. | 0.00 | 0.00 | 8.81 | 9.98 | 10.00 | 6.90 | 9.43 | 9.46 | 0.00 | 12.73 | 17.61 | 14.61 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 95.63 | 118.54 | 130.96 | 150.57 | 164.75 | 189.00 | 0.00 | 199.00 | 116.97 | 120.63 |
| - STD. DEV. | 0.00 | 0.00 | 16.62 | 18.31 | 21.29 | 24.12 | 14.17 | 29.20 | 0.00 | 36.77 | 34.42 | 30.09 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 24 | 100 | 50 | 22 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.51 | 12.18 | 50.76 | 25.38 | 11.17 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 65 | 0 | 0 | 65 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 132 | 65 | 0 | 197 |
| % | 67.01 | 32.99 | 0.00 | 100.00 |
| MEAN WEIGHT | 120.87 | 120.14 | 0.00 | 120.63 |
| % SAMP. WT. | 67.14 | 32.86 | 0.00 | 100.00 |

TABLE 8 (CONT.) TRAWL COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 193 - VICTORIA HARBOUR

SAMPLE NUMBERS: 1

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

DATE: NOV 3/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 2 | 51 | 18 | 6 | 1 | 0 | 0 | 0 | 0 | 22 | 100 |
| % AT AGE | 0.00 | 2.56 | 65.38 | 23.08 | 7.69 | 1.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 172.00 | 183.12 | 199.67 | 210.33 | 212.00 | 0.00 | 0.00 | 0.00 | 0.00 | 177.45 | 186.55 |
| - STD. DEV. | 0.00 | 9.90 | 9.21 | 9.86 | 9.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 25.91 | 17.55 |
| WEIGHT - MEAN(gm) | 0.00 | 89.50 | 103.82 | 134.83 | 153.67 | 181.00 | 0.00 | 0.00 | 0.00 | 0.00 | 105.14 | 113.17 |
| - STD. DEV. | 0.00 | 20.51 | 18.45 | 19.35 | 23.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.82 | 28.03 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 25 | 56 | 17 | 0 | 0 | 0 | 1 | 0 |
| % AT STAGE | 1.00 | 25.00 | 56.00 | 17.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 41 | 0 | 1 | 42 |
| % | 97.62 | 0.00 | 2.38 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 57 | 42 | 1 | 100 |
| % | 57.00 | 42.00 | 1.00 | 100.00 |
| MEAN WEIGHT | 112.54 | 115.57 | 48.00 | 113.17 |
| % SAMP. WT. | 56.68 | 42.89 | 0.42 | 100.00 |

TABLE 9 PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 2W - WEST COAST Q.C.I.

SAMPLE NUMBERS: 139,142,259,138,140,324,261,141,326,325, 260,262

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 9/82 - MAR 24/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 41 | 226 | 46 | 567 | 38 | 18 | 10 | 3 | 3 | 238 | 1190 |
| % AT AGE | 0.00 | 4.31 | 23.74 | 4.83 | 59.56 | 3.99 | 1.89 | 1.05 | 0.32 | 0.32 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 166.15 | 194.08 | 204.61 | 212.11 | 221.68 | 230.56 | 231.80 | 243.00 | 247.33 | 206.64 | 206.64 |
| - STD. DEV. | 0.00 | 5.48 | 11.29 | 10.31 | 8.88 | 12.00 | 10.34 | 9.45 | 4.58 | 13.50 | 18.53 | 16.49 |
| WEIGHT - MEAN(gm) | 0.00 | 65.73 | 113.15 | 119.28 | 144.31 | 167.53 | 167.28 | 189.30 | 198.33 | 205.00 | 131.00 | 133.81 |
| - STD. DEV. | 0.00 | 6.27 | 19.32 | 20.85 | 26.08 | 34.76 | 28.59 | 33.66 | 33.26 | 22.87 | 35.83 | 33.68 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 10 | 0 | 589 | 404 | 187 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.84 | 0.00 | 49.50 | 33.95 | 15.71 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 561 | 36 | 597 |
| % | 0.00 | 93.97 | 6.03 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 25.75 | 0.18 | 25.93 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 582 | 597 | 10 | 1189 |
| % | 48.95 | 50.21 | 0.84 | 100.00 |
| MEAN WEIGHT | 126.84 | 140.87 | 120.10 | 133.83 |
| % SAMP. WT. | 46.39 | 52.85 | 0.75 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 2E - EAST COAST Q.C.I.

SAMPLE NUMBERS: 351,254,192,269,252,126,193,137,180,251, 255,194,127,253,191,129,181,350,258,349, 128,256

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 7/82 - MAR 30/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 18 | 141 | 82 | 1341 | 35 | 20 | 16 | 5 | 1 | 385 | 2044 |
| % AT AGE | 0.00 | 1.08 | 8.50 | 4.94 | 80.83 | 2.11 | 1.21 | 0.96 | 0.30 | 0.06 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 159.67 | 184.43 | 197.96 | 203.31 | 210.89 | 222.30 | 229.06 | 243.80 | 252.00 | 189.98 | 199.54 |
| - STD. DEV. | 0.00 | 8.06 | 11.35 | 9.13 | 8.75 | 11.54 | 8.44 | 8.64 | 12.54 | 0.00 | 39.64 | 20.95 |
| WEIGHT - MEAN(gm) | 0.00 | 61.94 | 97.48 | 118.13 | 128.94 | 143.54 | 166.60 | 176.19 | 206.00 | 220.00 | 114.63 | 124.27 |
| - STD. DEV. | 0.00 | 9.70 | 18.52 | 18.90 | 19.05 | 22.76 | 31.50 | 28.17 | 18.80 | 0.00 | 48.41 | 30.41 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 4 | 1037 | 913 | 39 | 0 | 51 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.20 | 50.73 | 44.67 | 1.91 | 0.00 | 2.50 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 968 | 3 | 972 |
| % | 0.10 | 99.59 | 0.31 | 100.00 |
| % SAMPLE WEIGHT | 0.01 | 25.59 | 0.02 | 25.63 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 1020 | 972 | 0 | 1992 |
| % | 51.20 | 48.80 | 0.00 | 100.00 |
| MEAN WEIGHT | 121.80 | 132.74 | 0.00 | 127.14 |
| % SAMP. WT. | 49.05 | 50.95 | 0.00 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 3 - NASS

SAMPLE NUMBERS: 135,328,329,266,300,327,136,334

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 11/82 - MAR 19/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 3 | 189 | 53 | 414 | 19 | 9 | 3 | 1 | 0 | 105 | 796 |
| % AT AGE | 0.00 | 0.43 | 27.35 | 7.67 | 59.91 | 2.75 | 1.30 | 0.43 | 0.14 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 156.67 | 169.91 | 183.94 | 192.37 | 205.95 | 213.44 | 229.33 | 223.00 | 0.00 | 189.31 | 186.68 |
| - STD. DEV. | 0.00 | 23.71 | 12.46 | 12.69 | 12.60 | 13.06 | 17.46 | 12.50 | 0.00 | 0.00 | 16.98 | 17.04 |
| WEIGHT - MEAN(gm) | 0.00 | 53.00 | 72.44 | 92.60 | 107.95 | 130.16 | 142.11 | 175.33 | 127.00 | 0.00 | 101.63 | 98.65 |
| - STD. DEV. | 0.00 | 22.11 | 16.64 | 18.88 | 21.28 | 27.36 | 23.09 | 46.52 | 0.00 | 0.00 | 25.56 | 26.96 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 1 | 13 | 8 | 358 | 405 | 7 | 1 | 2 |
| % AT STAGE | 0.13 | 0.13 | 1.63 | 1.01 | 44.97 | 50.88 | 0.88 | 0.13 | 0.25 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 15 | 366 | 5 | 386 |
| % | 3.89 | 94.82 | 1.30 | 100.00 |
| % SAMPLE WEIGHT | 0.27 | 21.49 | 0.05 | 21.81 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 405 | 386 | 5 | 796 |
| % | 50.88 | 48.49 | 0.63 | 100.00 |
| MEAN WEIGHT | 92.70 | 105.40 | 60.20 | 98.65 |
| % SAMP. WT. | 47.81 | 51.81 | 0.38 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 5 - GRENVILLE-PRINCIPE

SAMPLE NUMBERS: 336,346,347,306,342,321,273,348,267,257, 298

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 23/82 - MAR 30/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 97 | 107 | 62 | 611 | 25 | 12 | 3 | 2 | 0 | 175 | 1094 |
| % AT AGE | 0.00 | 10.55 | 11.64 | 6.75 | 66.49 | 2.72 | 1.31 | 0.33 | 0.22 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 138.09 | 173.08 | 188.53 | 197.62 | 208.80 | 220.75 | 224.33 | 240.50 | 0.00 | 176.40 | 186.69 |
| - STD. DEV. | 0.00 | 11.32 | 15.71 | 10.02 | 9.26 | 11.05 | 10.41 | 3.06 | 19.09 | 0.00 | 33.26 | 24.77 |
| WEIGHT - MEAN(gm) | 0.00 | 36.74 | 74.81 | 97.95 | 114.01 | 134.84 | 155.67 | 163.00 | 191.00 | 0.00 | 87.59 | 99.40 |
| - STD. DEV. | 0.00 | 9.24 | 19.69 | 18.27 | 18.08 | 21.57 | 23.62 | 21.79 | 86.27 | 0.00 | 45.17 | 35.13 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 31 | 4 | 77 | 49 | 472 | 376 | 70 | 15 | 0 |
| % AT STAGE | 2.83 | 0.37 | 7.04 | 4.48 | 43.14 | 34.37 | 6.40 | 1.37 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 59 | 367 | 16 | 442 |
| % | 13.35 | 83.03 | 3.62 | 100.00 |
| % SAMPLE WEIGHT | 0.39 | 23.21 | 0.02 | 23.62 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 582 | 442 | 69 | 1093 |
| % | 53.25 | 40.44 | 6.31 | 100.00 |
| MEAN WEIGHT | 97.13 | 112.42 | 35.12 | 99.40 |
| % SAMP. WT. | 52.03 | 45.74 | 2.23 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 6 - BUTEDALE

SAMPLE NUMBERS: 228, 36, 32,167,131,230,376,165,130,164, 375

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 4/82 - MAR 21/82

SPECIMENS AT EACH AGE:

| | AGE 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO. AT AGE | 0 | 38 | 148 | 97 | 501 | 46 | 44 | 32 | 11 | 1 | 173 | 1091 |
| % AT AGE | 0.00 | 4.14 | 16.12 | 10.57 | 54.58 | 5.01 | 4.79 | 3.49 | 1.20 | 0.11 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 152.18 | 175.87 | 187.42 | 195.08 | 206.22 | 211.09 | 220.31 | 236.82 | 242.00 | 195.05 | 192.61 |
| - STD. DEV. | 0.00 | 10.50 | 10.67 | 9.83 | 10.22 | 13.21 | 16.96 | 15.02 | 12.10 | 0.00 | 20.63 | 18.34 |
| WEIGHT - MEAN(gm) | 0.00 | 49.74 | 81.24 | 96.19 | 110.47 | 126.35 | 137.98 | 153.41 | 185.45 | 188.00 | 110.45 | 106.98 |
| - STD. DEV. | 0.00 | 12.41 | 14.96 | 16.00 | 20.29 | 24.07 | 30.56 | 38.35 | 39.84 | 0.00 | 33.69 | 30.84 |

HJORT MATURITY STAGES:

| | MATURITY STAGE 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
|---|---|---|---|---|---|---|---|---|---|
| NO. AT STAGE | 12 | 3 | 29 | 63 | 316 | 546 | 114 | 0 | 8 |
| % AT STAGE | 1.10 | 0.27 | 2.66 | 5.77 | 28.96 | 50.05 | 10.45 | 0.00 | 0.73 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 81 | 410 | 31 | 522 |
| % | 15.52 | 78.54 | 5.94 | 100.00 |
| % SAMPLE WEIGHT | 1.51 | 17.53 | 0.13 | 19.18 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 557 | 522 | 12 | 1091 |
| % | 51.05 | 47.85 | 1.10 | 100.00 |
| MEAN WEIGHT | 103.00 | 111.59 | 90.92 | 106.98 |
| % SAMP. WT. | 49.16 | 49.91 | 0.93 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 7 - BELLA BELLA

SAMPLE NUMBERS: 132,163,176,226,231,236,166,235,225,232,
162,227,243,229,242, 33,244,245,234,377,
134, 34, 35

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 5/82 - MAR 28/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 16 | 258 | 211 | 1214 | 103 | 81 | 26 | 7 | 0 | 362 | 2278 |
| % AT AGE | 0.00 | 0.84 | 13.47 | 11.01 | 63.36 | 5.38 | 4.23 | 1.36 | 0.37 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 159.25 | 180.19 | 192.49 | 202.21 | 207.02 | 212.35 | 218.92 | 224.71 | 0.00 | 201.43 | 199.23 |
| - STD. DEV. | 0.00 | 8.38 | 10.07 | 10.29 | 9.31 | 10.22 | 9.95 | 16.04 | 9.98 | 0.00 | 12.89 | 13.52 |
| WEIGHT - MEAN(gm) | 0.00 | 59.88 | 93.42 | 115.96 | 135.94 | 146.03 | 159.26 | 169.77 | 187.43 | 0.00 | 134.35 | 130.32 |
| - STD. DEV. | 0.00 | 12.19 | 17.96 | 19.98 | 20.91 | 21.67 | 23.68 | 35.30 | 27.12 | 0.00 | 26.72 | 27.81 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 2 | 2 | 8 | 1222 | 1044 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.09 | 0.09 | 0.35 | 53.64 | 45.83 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 11 | 1203 | 0 | 1214 |
| % | 0.91 | 99.09 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.14 | 26.81 | 0.00 | 26.95 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 1064 | 1214 | 0 | 2278 |
| % | 46.71 | 53.29 | 0.00 | 100.00 |
| MEAN WEIGHT | 122.76 | 136.94 | 0.00 | 130.32 |
| % SAMP. WT. | 44.00 | 56.00 | 0.00 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 8 - BELLA COOLA

SAMPLE NUMBERS: 378,233,133

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 11/82 - MAR 24/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 5 | 104 | 33 | 96 | 9 | 18 | 4 | 3 | 2 | 25 | 299 |
| % AT AGE | 0.00 | 1.82 | 37.96 | 12.04 | 35.04 | 3.28 | 6.57 | 1.46 | 1.09 | 0.73 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 154.40 | 174.03 | 183.00 | 192.64 | 197.67 | 200.28 | 217.25 | 212.00 | 219.50 | 189.84 | 185.54 |
| - STD. DEV. | 0.00 | 4.83 | 9.42 | 13.55 | 9.16 | 7.33 | 12.08 | 6.50 | 19.97 | 9.19 | 17.69 | 15.58 |
| WEIGHT - MEAN(gm) | 0.00 | 52.20 | 79.14 | 92.67 | 109.17 | 121.78 | 124.17 | 163.25 | 149.00 | 139.50 | 100.80 | 97.86 |
| - STD. DEV. | 0.00 | 6.26 | 15.35 | 22.86 | 17.49 | 19.90 | 24.12 | 16.78 | 60.83 | 23.33 | 27.01 | 26.91 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 3 | 188 | 107 | 1 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 1.00 | 62.88 | 35.79 | 0.33 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 3 | 150 | 1 | 154 |
| % | 1.95 | 97.40 | 0.65 | 100.00 |
| % SAMPLE WEIGHT | 0.11 | 25.30 | 0.03 | 25.44 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 145 | 154 | 0 | 299 |
| % | 48.49 | 51.51 | 0.00 | 100.00 |
| MEAN WEIGHT | 91.66 | 103.70 | 0.00 | 97.86 |
| % SAMP. WT. | 45.42 | 54.58 | 0.00 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 12 - ALERT BAY

SAMPLE NUMBERS: 212,216,188,210,211

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 15/82 - MAR 18/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 68 | 83 | 23 | 184 | 17 | 27 | 18 | 2 | 0 | 78 | 500 |
| % AT AGE | 0.00 | 16.11 | 19.67 | 5.45 | 43.60 | 4.03 | 6.40 | 4.27 | 0.47 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 142.16 | 165.81 | 176.70 | 179.11 | 188.24 | 192.37 | 197.89 | 218.00 | 0.00 | 178.37 | 173.51 |
| - STD. DEV. | 0.00 | 9.75 | 15.21 | 15.18 | 14.66 | 15.88 | 13.36 | 11.27 | 39.60 | 0.00 | 18.51 | 20.81 |
| WEIGHT - MEAN(gm) | 0.00 | 35.99 | 67.82 | 84.74 | 88.76 | 102.71 | 110.11 | 119.72 | 147.00 | 0.00 | 87.22 | 80.66 |
| - STD. DEV. | 0.00 | 8.68 | 19.80 | 23.75 | 26.12 | 34.37 | 26.92 | 19.96 | 67.88 | 0.00 | 31.77 | 32.73 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 39 | 1 | 41 | 6 | 299 | 107 | 7 | 0 | 0 |
| % AT STAGE | 7.80 | 0.20 | 8.20 | 1.20 | 59.80 | 21.40 | 1.40 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 29 | 238 | 1 | 268 |
| % | 10.82 | 88.81 | 0.37 | 100.00 |
| % SAMPLE WEIGHT | 0.08 | 24.91 | 0.00 | 24.99 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 194 | 268 | 38 | 500 |
| % | 38.80 | 53.60 | 7.60 | 100.00 |
| MEAN WEIGHT | 80.66 | 86.79 | 37.34 | 80.66 |
| % SAMP. WT. | 38.80 | 57.68 | 3.52 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 13 - QUATHIASKI

SAMPLE NUMBERS: 323,101,114, 98,213,183,121,217,221,189, 207,113,330,115,206,215,112

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 1/82 - MAR 11/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 11 | 463 | 370 | 333 | 52 | 50 | 24 | 1 | 0 | 391 | 1695 |
| % AT AGE | 0.00 | 0.84 | 35.51 | 28.37 | 25.54 | 3.99 | 3.83 | 1.84 | 0.08 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 158.27 | 177.98 | 186.91 | 193.37 | 201.69 | 205.62 | 210.38 | 229.00 | 0.00 | 192.63 | 188.24 |
| - STD. DEV. | 0.00 | 7.10 | 9.79 | 9.04 | 9.58 | 12.21 | 10.67 | 11.18 | 0.00 | 0.00 | 13.24 | 13.38 |
| WEIGHT - MEAN(gm) | 0.00 | 56.45 | 80.79 | 95.62 | 106.17 | 123.33 | 128.68 | 142.46 | 175.00 | 0.00 | 106.72 | 98.48 |
| - STD. DEV. | 0.00 | 8.45 | 15.28 | 17.16 | 19.54 | 27.73 | 23.77 | 27.73 | 0.00 | 0.00 | 26.22 | 24.78 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 5 | 5 | 0 | 21 | 1126 | 447 | 90 | 0 | 1 |
| % AT STAGE | 0.29 | 0.29 | 0.00 | 1.24 | 66.43 | 26.37 | 5.31 | 0.00 | 0.06 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 13 | 790 | 31 | 834 |
| % | 1.56 | 94.72 | 3.72 | 100.00 |
| % SAMPLE WEIGHT | 0.17 | 24.00 | 0.10 | 24.27 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 860 | 834 | 1 | 1695 |
| % | 50.74 | 49.20 | 0.06 | 100.00 |
| MEAN WEIGHT | 94.86 | 102.23 | 89.00 | 98.48 |
| % SAMP. WT. | 48.87 | 51.07 | 0.05 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 14 - COMOX

SAMPLE NUMBERS: 67, 49, 55, 57, 69, 52,203, 65, 48, 61, 11

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 16/82 - MAR 7/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 52 | 207 | 202 | 152 | 55 | 58 | 31 | 6 | 1 | 315 | 1079 |
| % AT AGE | 0.00 | 6.81 | 27.09 | 26.44 | 19.90 | 7.20 | 7.59 | 4.06 | 0.79 | 0.13 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 149.12 | 187.61 | 197.90 | 206.19 | 215.33 | 223.26 | 226.61 | 234.33 | 240.00 | 201.50 | 199.11 |
| - STD. DEV. | 0.00 | 13.13 | 11.93 | 9.94 | 8.82 | 9.49 | 9.65 | 9.88 | 6.25 | 0.00 | 16.28 | 19.60 |
| WEIGHT - MEAN(gm) | 0.00 | 47.60 | 90.25 | 105.73 | 120.43 | 137.84 | 158.90 | 163.68 | 150.83 | 205.00 | 116.75 | 111.75 |
| - STD. DEV. | 0.00 | 13.62 | 17.27 | 18.00 | 21.54 | 24.88 | 26.60 | 33.98 | 10.03 | 0.00 | 31.13 | 33.69 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 18 | 0 | 1 | 4 | 248 | 393 | 415 | 0 | 0 |
| % AT STAGE | 1.67 | 0.00 | 0.09 | 0.37 | 22.98 | 36.42 | 38.46 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 10 | 341 | 159 | 510 |
| % | 1.96 | 66.86 | 31.18 | 100.00 |
| % SAMPLE WEIGHT | 0.02 | 18.02 | 1.32 | 19.36 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 567 | 510 | 0 | 1077 |
| % | 52.65 | 47.35 | 0.00 | 100.00 |
| MEAN WEIGHT | 108.34 | 115.56 | 0.00 | 111.76 |
| % SAMP. WT. | 51.04 | 48.96 | 0.00 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 15 - WESTVIEW

SAMPLE NUMBERS: 100,322,185, 18,204, 1,102, 99, 4, 2

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 23/82 - MAR 20/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 35 | 36 | 168 | 200 | 208 | 50 | 48 | 20 | 9 | 2 | 217 | 993 |
| % AT AGE | 4.51 | 4.64 | 21.65 | 25.77 | 26.80 | 6.44 | 6.19 | 2.58 | 1.16 | 0.26 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 86.20 | 136.00 | 179.46 | 191.72 | 198.19 | 204.52 | 208.77 | 217.50 | 227.44 | 235.50 | 182.97 | 185.75 |
| - STD. DEV. | 7.24 | 16.14 | 10.20 | 9.87 | 8.58 | 10.49 | 11.38 | 6.79 | 10.62 | 2.12 | 42.32 | 32.23 |
| WEIGHT - MEAN(gm) | 8.66 | 34.92 | 80.51 | 100.50 | 112.03 | 124.96 | 137.06 | 146.50 | 163.56 | 179.50 | 100.28 | 98.53 |
| - STD. DEV. | 2.22 | 14.88 | 14.14 | 18.44 | 18.64 | 24.22 | 24.82 | 22.16 | 22.90 | 26.16 | 46.14 | 38.08 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 13 | 3 | 73 | 24 | 291 | 367 | 221 | 0 | 1 |
| % AT STAGE | 1.31 | 0.30 | 7.35 | 2.42 | 29.31 | 36.96 | 22.26 | 0.00 | 0.10 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 17 | 353 | 44 | 414 |
| % | 4.11 | 85.27 | 10.63 | 100.00 |
| % SAMPLE WEIGHT | 0.27 | 20.56 | 0.25 | 21.08 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 506 | 414 | 73 | 993 |
| % | 50.96 | 41.69 | 7.35 | 100.00 |
| MEAN WEIGHT | 103.05 | 108.35 | 11.48 | 98.53 |
| % SAMP. WT. | 53.30 | 45.85 | 0.86 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 16 - PENDER HARBOUR

SAMPLE NUMBERS: 125,109

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 28/82 - MAR 2/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 54 | 42 | 42 | 6 | 13 | 8 | 2 | 0 | 30 | 198 |
| % AT AGE | 0.00 | 0.60 | 32.14 | 25.00 | 25.00 | 3.57 | 7.74 | 4.76 | 1.19 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 184.00 | 181.54 | 187.45 | 197.02 | 205.50 | 203.54 | 210.75 | 210.00 | 0.00 | 195.60 | 191.86 |
| - STD. DEV. | 0.00 | 0.00 | 7.79 | 7.75 | 7.25 | 10.80 | 8.20 | 12.68 | 1.41 | 0.00 | 15.97 | 12.81 |
| WEIGHT - MEAN(gm) | 0.00 | 81.00 | 84.57 | 97.17 | 116.88 | 135.50 | 131.23 | 144.25 | 138.00 | 0.00 | 115.00 | 106.25 |
| - STD. DEV. | 0.00 | 0.00 | 12.68 | 17.42 | 19.88 | 32.88 | 19.65 | 28.13 | 9.90 | 0.00 | 36.72 | 28.08 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 112 | 86 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 56.57 | 43.43 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 114 | 0 | 114 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 24.16 | 0.00 | 24.16 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 84 | 114 | 0 | 198 |
| % | 42.42 | 57.58 | 0.00 | 100.00 |
| MEAN WEIGHT | 103.35 | 108.39 | 0.00 | 106.25 |
| % SAMP. WT. | 41.27 | 58.73 | 0.00 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 9, 54, 66, 6, 50, 56,187,182, 10, 17, 47, 64, 3, 60,205, 63,220, 68, 15,209, 222, 58,190, 51, 16

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 16/82 - MAR 11/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 183 | 649 | 391 | 255 | 51 | 65 | 33 | 8 | 1 | 843 | 2479 |
| % AT AGE | 0.00 | 11.19 | 39.67 | 23.90 | 15.59 | 3.12 | 3.97 | 2.02 | 0.49 | 0.06 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 162.46 | 184.59 | 196.67 | 204.75 | 215.51 | 221.09 | 230.12 | 236.13 | 225.00 | 192.94 | 192.16 |
| - STD. DEV. | 0.00 | 10.21 | 10.23 | 10.72 | 9.56 | 8.81 | 9.12 | 8.88 | 4.32 | 0.00 | 26.25 | 21.45 |
| WEIGHT - MEAN(gm) | 0.00 | 61.81 | 91.69 | 111.59 | 127.38 | 152.12 | 158.86 | 180.94 | 192.00 | 193.00 | 105.80 | 105.65 |
| - STD. DEV. | 0.00 | 13.62 | 18.69 | 21.13 | 21.92 | 24.19 | 23.01 | 23.13 | 7.82 | 0.00 | 31.75 | 32.69 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 13 | 7 | 14 | 38 | 1042 | 1222 | 143 | 0 | 0 |
| % AT STAGE | 0.52 | 0.28 | 0.56 | 1.53 | 42.03 | 49.29 | 5.77 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 40 | 1200 | 20 | 1260 |
| % | 3.17 | 95.24 | 1.59 | 100.00 |
| % SAMPLE WEIGHT | 0.18 | 22.43 | 0.04 | 22.64 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 1218 | 1260 | 0 | 2478 |
| % | 49.15 | 50.85 | 0.00 | 100.00 |
| MEAN WEIGHT | 100.41 | 110.69 | 0.00 | 105.64 |
| % SAMP. WT. | 46.72 | 53.28 | 0.00 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 18 - COWICHAN

SAMPLE NUMBERS: 214, 7, 14, 8, 59, 13, 5

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 18/82 - MAR 17/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 54 | 177 | 92 | 49 | 12 | 22 | 8 | 3 | 0 | 278 | 695 |
| % AT AGE | 0.00 | 12.95 | 42.45 | 22.06 | 11.75 | 2.88 | 5.28 | 1.92 | 0.72 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 168.33 | 184.61 | 200.03 | 208.27 | 217.00 | 224.36 | 231.75 | 225.00 | 0.00 | 195.44 | 193.92 |
| - STD. DEV. | 0.00 | 8.79 | 10.61 | 8.66 | 9.18 | 12.84 | 9.46 | 7.15 | 4.36 | 0.00 | 17.01 | 18.01 |
| WEIGHT - MEAN(gm) | 0.00 | 68.33 | 90.36 | 114.71 | 131.69 | 148.75 | 164.36 | 169.50 | 164.67 | 0.00 | 110.74 | 107.52 |
| - STD. DEV. | 0.00 | 12.68 | 16.47 | 16.07 | 17.83 | 27.64 | 26.82 | 28.28 | 7.77 | 0.00 | 30.59 | 31.46 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 1 | 3 | 2 | 152 | 517 | 19 | 0 | 0 |
| % AT STAGE | 0.14 | 0.14 | 0.43 | 0.29 | 21.87 | 74.39 | 2.73 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 6 | 341 | 0 | 347 |
| % | 1.73 | 98.27 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.05 | 18.43 | 0.00 | 18.48 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 348 | 347 | 0 | 695 |
| % | 50.07 | 49.93 | 0.00 | 100.00 |
| MEAN WEIGHT | 105.78 | 109.27 | 0.00 | 107.52 |
| % SAMP. WT. | 49.26 | 50.74 | 0.00 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 23 - BARKLEY SOUND

SAMPLE NUMBERS: 78, 77, 70, 71,146,218, 75, 72,148, 62, 79,149, 12, 76,219,123,186, 80, 73, 81, 208, 74, 53

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 20/82 - MAR 16/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 78 | 371 | 408 | 276 | 73 | 90 | 42 | 26 | 9 | 910 | 2283 |
| % AT AGE | 0.00 | 5.68 | 27.02 | 29.72 | 20.10 | 5.32 | 6.55 | 3.06 | 1.89 | 0.66 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 168.53 | 184.42 | 197.63 | 205.99 | 215.56 | 222.17 | 231.55 | 231.73 | 234.56 | 198.41 | 198.51 |
| - STD. DEV. | 0.00 | 9.70 | 8.76 | 9.56 | 9.11 | 10.63 | 9.48 | 10.35 | 10.60 | 8.09 | 18.62 | 18.15 |
| WEIGHT - MEAN(gm) | 0.00 | 72.62 | 93.51 | 117.63 | 132.57 | 152.58 | 167.33 | 186.48 | 185.62 | 181.89 | 119.60 | 120.13 |
| - STD. DEV. | 0.00 | 10.28 | 14.73 | 18.83 | 20.35 | 24.31 | 27.14 | 24.74 | 26.12 | 18.70 | 33.99 | 34.03 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 0 | 3 | 8 | 898 | 1324 | 49 | 0 | 0 |
| % AT STAGE | 0.04 | 0.00 | 0.13 | 0.35 | 39.33 | 57.99 | 2.15 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 5 | 1175 | 7 | 1187 |
| % | 0.42 | 98.99 | 0.59 | 100.00 |
| % SAMPLE WEIGHT | 0.02 | 25.41 | 0.03 | 25.46 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 1095 | 1187 | 1 | 2283 |
| % | 47.96 | 51.99 | 0.04 | 100.00 |
| MEAN WEIGHT | 113.81 | 126.00 | 87.00 | 120.13 |
| % SAMP. WT. | 45.44 | 54.53 | 0.03 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 24 - CLAYOQUOT SOUND

SAMPLE NUMBERS: 360,365,366,359,352,372,364,371,368,355, 363,373,356,361,362,369,374,354

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 26/82 - MAR 13/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 35 | 317 | 406 | 346 | 65 | 117 | 26 | 14 | 1 | 463 | 1790 |
| % AT AGE | 0.00 | 2.64 | 23.89 | 30.60 | 26.07 | 4.90 | 8.82 | 1.96 | 1.06 | 0.08 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 166.11 | 183.05 | 194.85 | 204.42 | 212.78 | 217.36 | 222.54 | 233.57 | 243.00 | 196.56 | 197.35 |
| - STD. DEV. | 0.00 | 9.51 | 9.10 | 9.54 | 9.50 | 8.36 | 10.12 | 9.88 | 11.37 | 0.00 | 18.02 | 16.48 |
| WEIGHT - MEAN(gm) | 0.00 | 65.57 | 84.87 | 105.50 | 122.92 | 140.14 | 152.22 | 165.88 | 187.86 | 192.00 | 109.80 | 111.43 |
| - STD. DEV. | 0.00 | 14.96 | 16.34 | 20.75 | 22.24 | 23.90 | 29.26 | 26.10 | 33.42 | 0.00 | 34.92 | 32.93 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 16 | 2 | 864 | 412 | 496 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.89 | 0.11 | 48.27 | 23.02 | 27.71 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 2 | 689 | 135 | 826 |
| % | 0.24 | 83.41 | 16.34 | 100.00 |
| % SAMPLE WEIGHT | 0.04 | 22.55 | 0.32 | 22.91 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 947 | 826 | 16 | 1789 |
| % | 52.93 | 46.17 | 0.89 | 100.00 |
| MEAN WEIGHT | 106.89 | 117.42 | 68.44 | 111.41 |
| % SAMP. WT. | 50.79 | 48.66 | 0.55 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 25 - NOOTKA SOUND

SAMPLE NUMBERS: 154,367,157,353,155,158,156,370,357,150, 151,358,152,153

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 26/82 - MAR 17/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 4 | 234 | 274 | 391 | 65 | 132 | 11 | 3 | 0 | 277 | 1391 |
| % AT AGE | 0.00 | 0.36 | 21.01 | 24.60 | 35.10 | 5.83 | 11.85 | 0.99 | 0.27 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 161.25 | 183.62 | 192.28 | 201.63 | 206.92 | 209.27 | 213.55 | 211.33 | 0.00 | 195.06 | 196.42 |
| - STD. DEV. | 0.00 | 6.18 | 7.69 | 8.54 | 8.68 | 7.74 | 9.07 | 7.46 | 5.51 | 0.00 | 13.51 | 12.60 |
| WEIGHT - MEAN(gm) | 0.00 | 68.25 | 86.55 | 100.60 | 118.55 | 127.32 | 133.07 | 137.45 | 147.00 | 0.00 | 107.31 | 109.25 |
| - STD. DEV. | 0.00 | 4.57 | 14.04 | 16.41 | 19.48 | 17.94 | 20.49 | 22.27 | 7.81 | 0.00 | 24.32 | 24.04 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 3 | 1 | 680 | 519 | 188 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.22 | 0.07 | 48.89 | 37.31 | 13.52 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 2 | 759 | 46 | 807 |
| % | 0.25 | 94.05 | 5.70 | 100.00 |
| % SAMPLE WEIGHT | 0.08 | 24.67 | 0.11 | 24.86 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 581 | 807 | 2 | 1390 |
| % | 41.80 | 58.06 | 0.14 | 100.00 |
| MEAN WEIGHT | 101.67 | 114.82 | 70.50 | 109.26 |
| % SAMP. WT. | 38.89 | 61.01 | 0.09 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 26 - KYUQUOT SOUND

SAMPLE NUMBERS: 110

SOURCE: PRE-FISHERY CHARTER

GEAR: OTHER

DATE: MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 8 | 4 | 28 | 0 | 4 | 1 | 0 | 0 | 5 | 50 |
| % AT AGE | 0.00 | 0.00 | 17.78 | 8.89 | 62.22 | 0.00 | 8.89 | 2.22 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 182.13 | 189.75 | 202.75 | 0.00 | 212.75 | 214.00 | 0.00 | 0.00 | 192.60 | 198.42 |
| - STD. DEV. | 0.00 | 0.00 | 4.05 | 4.11 | 6.80 | 0.00 | 7.23 | 0.00 | 0.00 | 0.00 | 8.62 | 11.11 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 88.75 | 103.50 | 124.50 | 0.00 | 139.50 | 145.00 | 0.00 | 0.00 | 109.80 | 117.24 |
| - STD. DEV. | 0.00 | 0.00 | 11.70 | 7.59 | 18.18 | 0.00 | 22.96 | 0.00 | 0.00 | 0.00 | 15.22 | 22.28 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 27 | 23 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 54.00 | 46.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 30 | 0 | 30 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 30.12 | 0.00 | 30.12 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 20 | 30 | 0 | 50 |
| % | 40.00 | 60.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 104.00 | 126.07 | 0.00 | 117.24 |
| % SAMP. WT. | 35.48 | 64.52 | 0.00 | 100.00 |

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 27 - QUATSINO SOUND

SAMPLE NUMBERS: 111,108,107,106,105,104,103,160,124,159, 161

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 27/82 - MAR 22/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 7 | 345 | 89 | 360 | 40 | 73 | 6 | 1 | 0 | 167 | 1088 |
| % AT AGE | 0.00 | 0.76 | 37.46 | 9.66 | 39.09 | 4.34 | 7.93 | 0.65 | 0.11 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 155.14 | 183.96 | 193.83 | 202.28 | 207.70 | 211.62 | 213.83 | 215.00 | 0.00 | 191.60 | 194.74 |
| - STD. DEV. | 0.00 | 10.40 | 8.15 | 9.77 | 7.78 | 8.42 | 9.05 | 8.33 | 0.00 | 0.00 | 16.88 | 14.01 |
| WEIGHT - MEAN(gm) | 0.00 | 56.14 | 92.47 | 108.71 | 126.06 | 135.05 | 146.07 | 159.00 | 145.00 | 0.00 | 106.83 | 112.46 |
| - STD. DEV. | 0.00 | 10.46 | 13.90 | 18.61 | 17.85 | 22.84 | 24.78 | 32.40 | 0.00 | 0.00 | 25.73 | 26.12 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 7 | 0 | 645 | 353 | 83 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.64 | 0.00 | 59.28 | 32.44 | 7.63 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 540 | 23 | 563 |
| % | 0.00 | 95.91 | 4.09 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 26.34 | 0.14 | 26.48 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 518 | 563 | 7 | 1088 |
| % | 47.61 | 51.75 | 0.64 | 100.00 |
| MEAN WEIGHT | 105.12 | 119.70 | 73.29 | 112.46 |
| % SAMP. WT. | 44.50 | 55.08 | 0.42 | 100.00 |

TABLE 10 PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 1 - OTHER AREA 2W
SAMPLE NUMBERS: 326
SOURCE: PRE-FISHERY CHARTER
GEAR: HERRING SEINE
DATE: MAR 18/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 30 | 8 | 1 | 27 | 5 | 1 | 0 | 0 | 0 | 26 | 98 |
| % AT AGE | 0.00 | 41.67 | 11.11 | 1.39 | 37.50 | 6.94 | 1.39 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 164.73 | 188.13 | 183.00 | 214.96 | 227.80 | 221.00 | 0.00 | 0.00 | 0.00 | 191.00 | 191.43 |
| - STD. DEV. | 0.00 | 5.23 | 5.62 | 0.00 | 10.36 | 10.47 | 0.00 | 0.00 | 0.00 | 0.00 | 25.59 | 25.81 |
| WEIGHT - MEAN(gm) | 0.00 | 65.00 | 98.00 | 92.00 | 157.81 | 204.60 | 171.00 | 0.00 | 0.00 | 0.00 | 113.81 | 114.69 |
| - STD. DEV. | 0.00 | 6.90 | 8.55 | 0.00 | 32.66 | 24.63 | 0.00 | 0.00 | 0.00 | 0.00 | 47.69 | 51.73 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 85 | 13 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 86.73 | 13.27 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 65 | 0 | 65 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 27.40 | 0.00 | 27.40 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 33 | 65 | 0 | 98 |
| % | 33.67 | 66.33 | 0.00 | 100.00 |
| MEAN WEIGHT | 98.09 | 123.12 | 0.00 | 114.69 |
| % SAMP. WT. | 28.80 | 71.20 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 3 - RENNELL SOUND

SAMPLE NUMBERS: 260,262,259,261

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 21/82 - MAR 24/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 84 | 0 | 231 | 12 | 5 | 2 | 0 | 0 | 63 | 397 |
| % AT AGE | 0.00 | 0.00 | 25.15 | 0.00 | 69.16 | 3.59 | 1.50 | 0.60 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 193.55 | 0.00 | 212.38 | 223.83 | 233.80 | 236.00 | 0.00 | 0.00 | 205.70 | 208.07 |
| - STD. DEV. | 0.00 | 0.00 | 10.30 | 0.00 | 9.50 | 10.80 | 12.60 | 14.14 | 0.00 | 0.00 | 17.40 | 14.28 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 114.04 | 0.00 | 157.08 | 182.92 | 196.20 | 213.00 | 0.00 | 0.00 | 138.97 | 146.65 |
| - STD. DEV. | 0.00 | 0.00 | 22.63 | 0.00 | 24.54 | 25.65 | 29.32 | 22.63 | 0.00 | 0.00 | 37.51 | 33.12 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 305 | 92 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 76.83 | 23.17 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 204 | 0 | 204 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 30.15 | 0.00 | 30.15 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 192 | 204 | 0 | 396 |
| % | 48.48 | 51.52 | 0.00 | 100.00 |
| MEAN WEIGHT | 136.33 | 156.52 | 0.00 | 146.73 |
| % SAMP. WT. | 45.05 | 54.95 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 5 - ENGLEFIELD BAY

SAMPLE NUMBERS: 324,325

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 19/82 - MAR 20/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 114 | 6 | 32 | 4 | 0 | 4 | 0 | 1 | 37 | 198 |
| % AT AGE | 0.00 | 0.00 | 70.81 | 3.73 | 19.88 | 2.48 | 0.00 | 2.48 | 0.00 | 0.62 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 194.72 | 195.83 | 212.19 | 224.50 | 0.00 | 228.00 | 0.00 | 234.00 | 197.30 | 199.53 |
| - STD. DEV. | 0.00 | 0.00 | 12.74 | 5.91 | 7.78 | 10.79 | 0.00 | 10.23 | 0.00 | 0.00 | 12.62 | 14.56 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 115.46 | 127.00 | 159.47 | 182.75 | 0.00 | 199.00 | 0.00 | 222.00 | 121.81 | 127.70 |
| - STD. DEV. | 0.00 | 0.00 | 16.81 | 28.26 | 24.56 | 41.48 | 0.00 | 44.52 | 0.00 | 0.00 | 30.45 | 31.15 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 148 | 50 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 74.75 | 25.25 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 116 | 0 | 116 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 27.55 | 0.00 | 27.55 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 82 | 116 | 0 | 198 |
| % | 41.41 | 58.59 | 0.00 | 100.00 |
| MEAN WEIGHT | 122.50 | 131.37 | 0.00 | 127.70 |
| % SAMP. WT. | 39.73 | 60.27 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 6 - LOUSCOONE INLET

SAMPLE NUMBERS: 141,138,140,139,142

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 9/82 - MAR 15/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 11 | 20 | 39 | 277 | 17 | 12 | 4 | 3 | 2 | 112 | 497 |
| % AT AGE | 0.00 | 2.86 | 5.19 | 10.13 | 71.95 | 4.42 | 3.12 | 1.04 | 0.78 | 0.52 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 170.00 | 195.10 | 206.51 | 211.60 | 217.71 | 230.00 | 233.50 | 243.00 | 254.00 | 213.88 | 211.32 |
| - STD. DEV. | 0.00 | 4.29 | 6.98 | 9.65 | 8.25 | 13.02 | 9.70 | 7.85 | 4.58 | 9.90 | 15.00 | 13.60 |
| WEIGHT - MEAN(gm) | 0.00 | 67.73 | 102.25 | 118.79 | 130.60 | 142.18 | 154.92 | 167.75 | 198.33 | 196.50 | 133.54 | 129.76 |
| - STD. DEV. | 0.00 | 3.58 | 14.80 | 19.51 | 18.85 | 22.78 | 20.06 | 11.30 | 33.26 | 24.75 | 31.66 | 26.45 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 10 | 0 | 51 | 249 | 187 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 2.01 | 0.00 | 10.26 | 50.10 | 37.63 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 176 | 36 | 212 |
| % | 0.00 | 83.02 | 16.98 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 19.48 | 0.52 | 20.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 275 | 212 | 10 | 497 |
| % | 55.33 | 42.66 | 2.01 | 100.00 |
| MEAN WEIGHT | 124.96 | 136.43 | 120.10 | 129.76 |
| % SAMP. WT. | 53.29 | 44.85 | 1.86 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 22 - SKIDEGATE INLET

SAMPLE NUMBERS: 258,269

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 20/82 - MAR 28/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 33 | 9 | 48 | 0 | 1 | 0 | 0 | 0 | 59 | 150 |
| % AT AGE | 0.00 | 0.00 | 36.26 | 9.89 | 52.75 | 0.00 | 1.10 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 173.18 | 188.33 | 193.52 | 0.00 | 227.00 | 0.00 | 0.00 | 0.00 | 106.47 | 154.72 |
| - STD. DEV. | 0.00 | 0.00 | 8.06 | 4.66 | 8.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 33.27 | 45.31 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 76.97 | 97.67 | 109.90 | 0.00 | 162.00 | 0.00 | 0.00 | 0.00 | 22.25 | 67.79 |
| - STD. DEV. | 0.00 | 0.00 | 11.78 | 12.85 | 15.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 30.50 | 44.78 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 71 | 29 | 0 | 0 | 50 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 47.33 | 19.33 | 0.00 | 0.00 | 33.33 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 50 | 0 | 50 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 24.11 | 0.00 | 24.11 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 50 | 50 | 0 | 100 |
| % | 50.00 | 50.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 89.58 | 104.10 | 0.00 | 96.84 |
| % SAMP. WT. | 46.25 | 53.75 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 23 - CUMSHEWA INLET

SAMPLE NUMBERS: 252,349

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 27/82 - MAR 30/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 22 | 11 | 125 | 8 | 6 | 4 | 3 | 0 | 21 | 200 |
| % AT AGE | 0.00 | 0.00 | 12.29 | 6.15 | 69.83 | 4.47 | 3.35 | 2.23 | 1.68 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 190.41 | 201.55 | 205.86 | 217.50 | 228.83 | 236.75 | 246.33 | 0.00 | 211.67 | 206.91 |
| - STD. DEV. | 0.00 | 0.00 | 9.29 | 8.59 | 9.45 | 9.65 | 5.64 | 6.40 | 15.53 | 0.00 | 18.51 | 14.32 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 104.77 | 129.64 | 136.82 | 159.25 | 187.00 | 205.00 | 211.00 | 0.00 | 145.43 | 138.68 |
| - STD. DEV. | 0.00 | 0.00 | 12.75 | 20.18 | 20.61 | 23.10 | 27.00 | 17.38 | 21.93 | 0.00 | 44.80 | 30.72 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 189 | 11 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 94.50 | 5.50 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 79 | 0 | 79 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 27.32 | 0.00 | 27.32 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 121 | 79 | 0 | 200 |
| % | 60.50 | 39.50 | 0.00 | 100.00 |
| MEAN WEIGHT | 135.01 | 144.32 | 0.00 | 138.68 |
| % SAMP. WT. | 58.90 | 41.10 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 24 - LASKEEK BAY

SAMPLE NUMBERS: 350,256,181,255,194,127,253,126,193,254, 192,137,180,251

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 8/82 - MAR 25/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 17 | 81 | 52 | 933 | 22 | 9 | 11 | 1 | 0 | 224 | 1350 |
| % AT AGE | 0.00 | 1.51 | 7.19 | 4.62 | 82.86 | 1.95 | 0.80 | 0.98 | 0.09 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 159.24 | 187.06 | 197.79 | 202.80 | 207.27 | 221.00 | 226.27 | 233.00 | 0.00 | 203.13 | 201.58 |
| - STD. DEV. | 0.00 | 8.09 | 10.21 | 8.93 | 8.33 | 11.55 | 8.66 | 8.22 | 0.00 | 0.00 | 12.70 | 11.55 |
| WEIGHT - MEAN(gm) | 0.00 | 61.00 | 103.62 | 119.96 | 129.93 | 137.36 | 169.56 | 168.36 | 187.00 | 0.00 | 130.82 | 127.99 |
| - STD. DEV. | 0.00 | 9.11 | 16.53 | 17.74 | 18.07 | 21.88 | 29.07 | 24.80 | 0.00 | 0.00 | 27.31 | 22.86 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 4 | 681 | 660 | 4 | 0 | 1 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.30 | 50.44 | 48.89 | 0.30 | 0.00 | 0.07 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 687 | 1 | 689 |
| % | 0.15 | 99.71 | 0.15 | 100.00 |
| % SAMPLE WEIGHT | 0.02 | 25.55 | 0.02 | 25.59 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 659 | 689 | 0 | 1348 |
| % | 48.89 | 51.11 | 0.00 | 100.00 |
| MEAN WEIGHT | 122.59 | 133.13 | 0.00 | 127.98 |
| % SAMP. WT. | 46.83 | 53.17 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 351,191,129,128

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 7/82 - MAR 14/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 5 | 10 | 235 | 5 | 4 | 1 | 1 | 1 | 81 | 344 |
| % AT AGE | 0.00 | 0.38 | 1.90 | 3.80 | 89.35 | 1.90 | 1.52 | 0.38 | 0.38 | 0.38 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 167.00 | 189.80 | 203.60 | 206.01 | 216.20 | 214.25 | 229.00 | 247.00 | 252.00 | 208.81 | 206.81 |
| - STD. DEV. | 0.00 | 0.00 | 5.93 | 7.24 | 8.42 | 8.58 | 3.77 | 0.00 | 0.00 | 0.00 | 9.83 | 9.91 |
| WEIGHT - MEAN(gm) | 0.00 | 78.00 | 101.40 | 114.40 | 124.68 | 145.60 | 130.50 | 147.00 | 210.00 | 220.00 | 129.19 | 125.93 |
| - STD. DEV. | 0.00 | 0.00 | 6.35 | 14.71 | 19.24 | 15.73 | 14.57 | 0.00 | 0.00 | 0.00 | 22.48 | 21.40 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 96 | 213 | 35 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 27.91 | 61.92 | 10.17 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 152 | 2 | 154 |
| % | 0.00 | 98.70 | 1.30 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 25.20 | 0.02 | 25.22 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 190 | 154 | 0 | 344 |
| % | 55.23 | 44.77 | 0.00 | 100.00 |
| MEAN WEIGHT | 119.11 | 134.34 | 0.00 | 125.93 |
| % SAMP. WT. | 52.24 | 47.76 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 32 - PORTLAND INLET

SAMPLE NUMBERS: 135,328,329,334,136,327,266

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 11/82 - MAR 19/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 2 | 167 | 46 | 362 | 17 | 9 | 3 | 1 | 0 | 90 | 697 |
| % AT AGE | 0.00 | 0.33 | 27.51 | 7.58 | 59.64 | 2.80 | 1.48 | 0.49 | 0.16 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 143.50 | 169.14 | 182.91 | 192.04 | 205.18 | 213.44 | 229.33 | 223.00 | 0.00 | 189.34 | 186.27 |
| - STD. DEV. | 0.00 | 9.19 | 12.91 | 12.51 | 12.90 | 13.44 | 17.46 | 12.50 | 0.00 | 0.00 | 17.47 | 17.51 |
| WEIGHT - MEAN(gm) | 0.00 | 40.50 | 71.66 | 91.70 | 108.01 | 127.65 | 142.11 | 175.33 | 127.00 | 0.00 | 101.76 | 98.46 |
| - STD. DEV. | 0.00 | 6.36 | 17.34 | 19.43 | 21.82 | 26.41 | 23.09 | 46.52 | 0.00 | 0.00 | 26.37 | 27.68 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 1 | 11 | 8 | 315 | 352 | 7 | 0 | 2 |
| % AT STAGE | 0.14 | 0.14 | 1.58 | 1.15 | 45.19 | 50.50 | 1.00 | 0.00 | 0.29 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 15 | 311 | 4 | 330 |
| % | 4.55 | 94.24 | 1.21 | 100.00 |
| % SAMPLE WEIGHT | 0.32 | 21.65 | 0.03 | 22.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 362 | 330 | 5 | 697 |
| % | 51.94 | 47.35 | 0.72 | 100.00 |
| MEAN WEIGHT | 92.89 | 105.15 | 60.20 | 98.46 |
| % SAMP. WT. | 49.00 | 50.56 | 0.44 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 33 - PORT SIMPSON

SAMPLE NUMBERS: 300

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 14/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 22 | 7 | 52 | 2 | 0 | 0 | 0 | 0 | 15 | 99 |
| % AT AGE | 0.00 | 1.19 | 26.19 | 8.33 | 61.90 | 2.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 183.00 | 175.73 | 190.71 | 194.71 | 212.50 | 0.00 | 0.00 | 0.00 | 0.00 | 189.13 | 189.61 |
| - STD. DEV. | 0.00 | 0.00 | 5.68 | 12.63 | 10.13 | 9.19 | 0.00 | 0.00 | 0.00 | 0.00 | 14.24 | 12.97 |
| WEIGHT - MEAN(gm) | 0.00 | 78.00 | 78.36 | 98.57 | 107.58 | 151.50 | 0.00 | 0.00 | 0.00 | 0.00 | 100.87 | 100.02 |
| - STD. DEV. | 0.00 | 0.00 | 7.85 | 14.48 | 17.18 | 36.06 | 0.00 | 0.00 | 0.00 | 0.00 | 20.80 | 21.20 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 2 | 0 | 43 | 53 | 0 | 1 | 0 |
| % AT STAGE | 0.00 | 0.00 | 2.02 | 0.00 | 43.43 | 53.54 | 0.00 | 1.01 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 55 | 1 | 56 |
| % | 0.00 | 98.21 | 1.79 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 20.55 | 0.18 | 20.73 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 43 | 56 | 0 | 99 |
| % | 43.43 | 56.57 | 0.00 | 100.00 |
| MEAN WEIGHT | 91.07 | 106.89 | 0.00 | 100.02 |
| % SAMP. WT. | 39.55 | 60.45 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 342,346,347,306,336,321,273,348,267,257, 298

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 23/82 - MAR 30/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 97 | 107 | 62 | 611 | 25 | 12 | 3 | 2 | 0 | 175 | 1094 |
| % AT AGE | 0.00 | 10.55 | 11.64 | 6.75 | 66.49 | 2.72 | 1.31 | 0.33 | 0.22 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 138.09 | 173.08 | 188.53 | 197.62 | 208.80 | 220.75 | 224.33 | 240.50 | 0.00 | 176.40 | 186.69 |
| - STD. DEV. | 0.00 | 11.32 | 15.71 | 10.02 | 9.26 | 11.05 | 10.41 | 3.06 | 19.09 | 0.00 | 33.26 | 24.77 |
| WEIGHT - MEAN(gm) | 0.00 | 36.74 | 74.81 | 97.95 | 114.01 | 134.84 | 155.67 | 163.00 | 191.00 | 0.00 | 87.59 | 99.40 |
| - STD. DEV. | 0.00 | 9.24 | 19.69 | 18.27 | 18.08 | 21.57 | 23.62 | 21.79 | 86.27 | 0.00 | 45.17 | 35.13 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 31 | 4 | 77 | 49 | 472 | 376 | 70 | 15 | 0 |
| % AT STAGE | 2.83 | 0.37 | 7.04 | 4.48 | 43.14 | 34.37 | 6.40 | 1.37 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 59 | 367 | 16 | 442 |
| % | 13.35 | 83.03 | 3.62 | 100.00 |
| % SAMPLE WEIGHT | 0.39 | 23.21 | 0.02 | 23.62 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 582 | 442 | 69 | 1093 |
| % | 53.25 | 40.44 | 6.31 | 100.00 |
| MEAN WEIGHT | 97.13 | 112.42 | 35.12 | 99.40 |
| % SAMP. WT. | 52.03 | 45.74 | 2.23 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 61 - OTHER AREA 6

SAMPLE NUMBERS: 376

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 21/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 2 | 4 | 38 | 2 | 8 | 15 | 5 | 0 | 24 | 99 |
| % AT AGE | 0.00 | 1.33 | 2.67 | 5.33 | 50.67 | 2.67 | 10.67 | 20.00 | 6.67 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 182.00 | 165.50 | 193.00 | 190.87 | 211.00 | 202.88 | 213.53 | 236.00 | 0.00 | 202.63 | 200.29 |
| - STD. DEV. | 0.00 | 0.00 | 4.95 | 10.68 | 9.07 | 25.46 | 13.62 | 12.96 | 16.36 | 0.00 | 21.14 | 18.85 |
| WEIGHT - MEAN(gm) | 0.00 | 92.00 | 74.50 | 103.00 | 100.97 | 132.00 | 115.50 | 140.20 | 181.40 | 0.00 | 119.75 | 116.79 |
| - STD. DEV. | 0.00 | 0.00 | 9.19 | 23.02 | 17.50 | 43.84 | 22.86 | 32.16 | 56.32 | 0.00 | 38.12 | 35.49 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 2 | 26 | 47 | 16 | 0 | 8 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 2.02 | 26.26 | 47.47 | 16.16 | 0.00 | 8.08 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 2 | 46 | 4 | 52 |
| % | 3.85 | 88.46 | 7.69 | 100.00 |
| % SAMPLE WEIGHT | 0.42 | 12.83 | 0.08 | 13.33 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 39 | 52 | 8 | 99 |
| % | 39.39 | 52.53 | 8.08 | 100.00 |
| MEAN WEIGHT | 114.31 | 119.60 | 110.63 | 116.79 |
| % SAMP. WT. | 38.56 | 53.79 | 7.65 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 67 - KITASU BAY

SAMPLE NUMBERS: 165,130, 32,167,131,230,228, 36,164,375

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 4/82 - MAR 19/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 37 | 146 | 93 | 463 | 44 | 36 | 17 | 6 | 1 | 149 | 992 |
| % AT AGE | 0.00 | 4.39 | 17.32 | 11.03 | 54.92 | 5.22 | 4.27 | 2.02 | 0.71 | 0.12 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 151.38 | 176.01 | 187.18 | 195.42 | 206.00 | 212.92 | 226.29 | 237.50 | 242.00 | 193.83 | 191.85 |
| - STD. DEV. | 0.00 | 9.38 | 10.67 | 9.79 | 10.24 | 12.90 | 17.25 | 14.45 | 8.80 | 0.00 | 20.36 | 18.12 |
| WEIGHT - MEAN(gm) | 0.00 | 48.59 | 81.33 | 95.89 | 111.24 | 126.09 | 142.97 | 165.06 | 188.83 | 188.00 | 108.95 | 106.00 |
| - STD. DEV. | 0.00 | 10.36 | 15.03 | 15.74 | 20.32 | 23.67 | 30.03 | 40.45 | 24.64 | 0.00 | 32.82 | 30.18 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 12 | 3 | 29 | 61 | 290 | 499 | 98 | 0 | 0 |
| % AT STAGE | 1.21 | 0.30 | 2.92 | 6.15 | 29.23 | 50.30 | 9.88 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 79 | 364 | 27 | 470 |
| % | 16.81 | 77.45 | 5.74 | 100.00 |
| % SAMPLE WEIGHT | 1.65 | 18.09 | 0.14 | 19.87 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 518 | 470 | 4 | 992 |
| % | 52.22 | 47.38 | 0.40 | 100.00 |
| MEAN WEIGHT | 102.15 | 110.71 | 51.50 | 106.00 |
| % SAMP. WT. | 50.32 | 49.48 | 0.20 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 132,163,176,226,231,236,166,235,225, 33, 244,245,234,134, 35, 34,229,242,232,162, 227,243

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 5/82 - MAR 21/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 13 | 225 | 195 | 1187 | 101 | 73 | 25 | 6 | 0 | 353 | 2178 |
| % AT AGE | 0.00 | 0.71 | 12.33 | 10.68 | 65.04 | 5.53 | 4.00 | 1.37 | 0.33 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 158.54 | 181.22 | 192.70 | 202.29 | 207.17 | 212.64 | 218.60 | 226.83 | 0.00 | 201.57 | 199.70 |
| - STD. DEV. | 0.00 | 8.25 | 9.83 | 10.47 | 9.34 | 10.21 | 9.63 | 16.28 | 9.04 | 0.00 | 12.82 | 13.17 |
| WEIGHT - MEAN(gm) | 0.00 | 57.69 | 95.23 | 116.49 | 136.25 | 146.65 | 161.19 | 171.04 | 196.83 | 0.00 | 134.72 | 131.41 |
| - STD. DEV. | 0.00 | 10.86 | 17.78 | 20.45 | 20.85 | 21.39 | 22.82 | 35.41 | 11.81 | 0.00 | 26.48 | 27.31 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 2 | 2 | 8 | 1127 | 1039 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.09 | 0.09 | 0.37 | 51.74 | 47.70 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 11 | 1150 | 0 | 1161 |
| % | 0.95 | 99.05 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.14 | 26.67 | 0.00 | 26.82 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 1017 | 1161 | 0 | 2178 |
| % | 46.69 | 53.31 | 0.00 | 100.00 |
| MEAN WEIGHT | 123.75 | 138.11 | 0.00 | 131.41 |
| % SAMP. WT. | 43.97 | 56.03 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 75 - MCNAUGHTON GROUP
SAMPLE NUMBERS: 377
SOURCE: PRE-FISHERY CHARTER
GEAR: HERRING SEINE
DATE: MAR 28/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 3 | 33 | 16 | 27 | 2 | 8 | 1 | 1 | 0 | 9 | 100 |
| % AT AGE | 0.00 | 3.30 | 36.26 | 17.58 | 29.67 | 2.20 | 8.79 | 1.10 | 1.10 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 162.33 | 173.18 | 189.94 | 198.93 | 199.50 | 209.63 | 227.00 | 212.00 | 0.00 | 196.11 | 188.92 |
| - STD. DEV. | 0.00 | 10.02 | 8.99 | 7.62 | 7.74 | 10.61 | 12.96 | 0.00 | 0.00 | 0.00 | 15.50 | 16.68 |
| WEIGHT - MEAN(gm) | 0.00 | 69.33 | 81.12 | 109.50 | 122.63 | 114.50 | 141.63 | 138.00 | 131.00 | 0.00 | 119.56 | 106.55 |
| - STD. DEV. | 0.00 | 15.57 | 14.06 | 11.45 | 19.50 | 10.61 | 25.68 | 0.00 | 0.00 | 0.00 | 33.26 | 28.06 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 95 | 5 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 95.00 | 5.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 53 | 0 | 53 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 30.43 | 0.00 | 30.43 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 47 | 53 | 0 | 100 |
| % | 47.00 | 53.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 101.32 | 111.19 | 0.00 | 106.55 |
| % SAMP. WT. | 44.69 | 55.31 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 85 - KWAKSHUA CHANNEL

SAMPLE NUMBERS: 378,133,233

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 11/82 - MAR 24/82

SPECIMENS AT EACH AGE:

| | AGE 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO. AT AGE | 0 | 5 | 104 | 33 | 96 | 9 | 18 | 4 | 3 | 2 | 25 | 299 |
| % AT AGE | 0.00 | 1.82 | 37.96 | 12.04 | 35.04 | 3.28 | 6.57 | 1.46 | 1.09 | 0.73 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 154.40 | 174.03 | 183.00 | 192.64 | 197.67 | 200.28 | 217.25 | 212.00 | 219.50 | 189.84 | 185.54 |
| - STD. DEV. | 0.00 | 4.83 | 9.42 | 13.55 | 9.16 | 7.33 | 12.08 | 6.50 | 19.97 | 9.19 | 17.69 | 15.58 |
| WEIGHT - MEAN(gm) | 0.00 | 52.20 | 79.14 | 92.67 | 109.17 | 121.78 | 124.17 | 163.25 | 149.00 | 139.50 | 100.80 | 97.86 |
| - STD. DEV. | 0.00 | 6.26 | 15.35 | 22.86 | 17.49 | 19.90 | 24.12 | 16.78 | 60.83 | 23.33 | 27.01 | 26.91 |

HJORT MATURITY STAGES:

| | MATURITY STAGE 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
|---|---|---|---|---|---|---|---|---|---|
| NO. AT STAGE | 0 | 0 | 0 | 3 | 188 | 107 | 1 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 1.00 | 62.88 | 35.79 | 0.33 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 3 | 150 | 1 | 154 |
| % | 1.95 | 97.40 | 0.65 | 100.00 |
| % SAMPLE WEIGHT | 0.11 | 25.30 | 0.03 | 25.44 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 145 | 154 | 0 | 299 |
| % | 48.49 | 51.51 | 0.00 | 100.00 |
| MEAN WEIGHT | 91.66 | 103.70 | 0.00 | 97.86 |
| % SAMP. WT. | 45.42 | 54.58 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 122 - BEAVER HARBOUR

SAMPLE NUMBERS: 188

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 18/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 29 | 3 | 33 | 2 | 7 | 0 | 0 | 0 | 25 | 100 |
| % AT AGE | 0.00 | 1.33 | 38.67 | 4.00 | 44.00 | 2.67 | 9.33 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 152.00 | 177.10 | 192.33 | 196.42 | 207.00 | 205.29 | 0.00 | 0.00 | 0.00 | 189.92 | 189.46 |
| - STD. DEV. | 0.00 | 0.00 | 8.13 | 15.88 | 9.79 | 14.14 | 8.18 | 0.00 | 0.00 | 0.00 | 15.28 | 14.72 |
| WEIGHT - MEAN(gm) | 0.00 | 48.00 | 83.21 | 114.00 | 119.73 | 155.50 | 138.43 | 0.00 | 0.00 | 0.00 | 107.40 | 107.19 |
| - STD. DEV. | 0.00 | 0.00 | 14.92 | 39.84 | 22.74 | 45.96 | 17.50 | 0.00 | 0.00 | 0.00 | 32.12 | 30.43 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 97 | 3 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 97.00 | 3.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 55 | 0 | 55 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 27.92 | 0.00 | 27.92 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 45 | 55 | 0 | 100 |
| % | 45.00 | 55.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 95.58 | 116.69 | 0.00 | 107.19 |
| % SAMP. WT. | 40.13 | 59.87 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 123 - CRACROFT ISLAND

SAMPLE NUMBERS: 216,211

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 15/82 - MAR 16/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 67 | 44 | 11 | 40 | 6 | 2 | 4 | 1 | 0 | 25 | 200 |
| % AT AGE | 0.00 | 38.29 | 25.14 | 6.29 | 22.86 | 3.43 | 1.14 | 2.29 | 0.57 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 142.01 | 159.93 | 182.45 | 187.00 | 200.50 | 210.50 | 213.50 | 246.00 | 0.00 | 169.08 | 164.95 |
| - STD. DEV. | 0.00 | 9.74 | 15.21 | 11.93 | 13.28 | 8.87 | 17.68 | 8.06 | 0.00 | 0.00 | 22.27 | 25.03 |
| WEIGHT - MEAN(gm) | 0.00 | 35.81 | 59.61 | 91.82 | 102.97 | 125.17 | 143.00 | 146.00 | 195.00 | 0.00 | 74.76 | 69.18 |
| - STD. DEV. | 0.00 | 8.62 | 18.18 | 12.80 | 23.46 | 16.41 | 26.87 | 17.61 | 0.00 | 0.00 | 35.46 | 37.19 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 39 | 0 | 40 | 4 | 49 | 64 | 4 | 0 | 0 |
| % AT STAGE | 19.50 | 0.00 | 20.00 | 2.00 | 24.50 | 32.00 | 2.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 28 | 58 | 1 | 87 |
| % | 32.18 | 66.67 | 1.15 | 100.00 |
| % SAMPLE WEIGHT | 0.22 | 20.01 | 0.00 | 20.23 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 75 | 87 | 38 | 200 |
| % | 37.50 | 43.50 | 19.00 | 100.00 |
| MEAN WEIGHT | 75.27 | 77.84 | 37.34 | 69.18 |
| % SAMP. WT. | 40.80 | 48.94 | 10.26 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 126 - KINGCOME INLET
SAMPLE NUMBERS: 212,210
SOURCE: PRE-FISHERY CHARTER
GEAR: HERRING SEINE
DATE: MAR 16/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 10 | 9 | 111 | 9 | 18 | 14 | 1 | 0 | 28 | 200 |
| % AT AGE | 0.00 | 0.00 | 5.81 | 5.23 | 64.53 | 5.23 | 10.47 | 8.14 | 0.58 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 158.90 | 164.44 | 171.12 | 175.89 | 185.33 | 193.43 | 190.00 | 0.00 | 176.36 | 174.09 |
| - STD. DEV. | 0.00 | 0.00 | 12.87 | 9.30 | 9.50 | 7.62 | 8.43 | 7.40 | 0.00 | 0.00 | 11.01 | 12.24 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 59.30 | 66.33 | 74.43 | 76.00 | 95.44 | 112.21 | 99.00 | 0.00 | 80.32 | 78.86 |
| - STD. DEV. | 0.00 | 0.00 | 11.20 | 13.36 | 14.86 | 7.23 | 16.51 | 13.27 | 0.00 | 0.00 | 16.54 | 18.76 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 1 | 1 | 2 | 153 | 40 | 3 | 0 | 0 |
| % AT STAGE | 0.00 | 0.50 | 0.50 | 1.00 | 76.50 | 20.00 | 1.50 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 125 | 0 | 126 |
| % | 0.79 | 99.21 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.04 | 26.29 | 0.00 | 26.33 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 74 | 126 | 0 | 200 |
| % | 37.00 | 63.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 77.07 | 79.92 | 0.00 | 78.86 |
| % SAMP. WT. | 36.16 | 63.84 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 136 - OTHER AREA 13 GULF

SAMPLE NUMBERS: 113,112, 98

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 1/82 - MAR 7/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 7 | 126 | 57 | 43 | 4 | 4 | 2 | 1 | 0 | 54 | 298 |
| % AT AGE | 0.00 | 2.87 | 51.64 | 23.36 | 17.62 | 1.64 | 1.64 | 0.82 | 0.41 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 156.29 | 176.22 | 183.02 | 188.88 | 196.50 | 208.75 | 197.00 | 229.00 | 0.00 | 182.35 | 181.02 |
| - STD. DEV. | 0.00 | 7.61 | 10.50 | 9.21 | 9.83 | 16.86 | 7.72 | 4.24 | 0.00 | 0.00 | 10.35 | 12.54 |
| WEIGHT - MEAN(gm) | 0.00 | 53.71 | 74.84 | 86.28 | 94.42 | 100.75 | 135.00 | 105.00 | 175.00 | 0.00 | 85.56 | 82.99 |
| - STD. DEV. | 0.00 | 6.05 | 14.02 | 14.06 | 17.38 | 25.24 | 12.99 | 2.83 | 0.00 | 0.00 | 13.87 | 18.68 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 5 | 0 | 0 | 1 | 112 | 178 | 2 | 0 | 0 |
| % AT STAGE | 1.68 | 0.00 | 0.00 | 0.34 | 37.58 | 59.73 | 0.67 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 3 | 170 | 0 | 173 |
| % | 1.73 | 98.27 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.02 | 19.48 | 0.00 | 19.50 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 125 | 173 | 0 | 298 |
| % | 41.95 | 58.05 | 0.00 | 100.00 |
| MEAN WEIGHT | 80.50 | 84.79 | 0.00 | 82.99 |
| % SAMP. WT. | 40.69 | 59.31 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 137 - HERIOT BAY

SAMPLE NUMBERS: 323,101,114,215,206,207,115,213,183,121, 217,221,189

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 6/82 - MAR 11/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 4 | 333 | 303 | 271 | 42 | 43 | 18 | 0 | 0 | 284 | 1298 |
| % AT AGE | 0.00 | 0.39 | 32.84 | 29.88 | 26.73 | 4.14 | 4.24 | 1.78 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 161.75 | 178.60 | 187.45 | 194.04 | 201.90 | 204.53 | 210.17 | 0.00 | 0.00 | 194.37 | 189.34 |
| - STD. DEV. | 0.00 | 5.19 | 9.44 | 8.82 | 9.37 | 12.23 | 10.56 | 11.43 | 0.00 | 0.00 | 13.22 | 13.01 |
| WEIGHT - MEAN(gm) | 0.00 | 61.25 | 82.91 | 97.05 | 107.66 | 123.74 | 125.51 | 140.28 | 0.00 | 0.00 | 109.41 | 100.64 |
| - STD. DEV. | 0.00 | 10.81 | 15.10 | 17.04 | 18.92 | 27.57 | 22.84 | 24.42 | 0.00 | 0.00 | 26.23 | 23.98 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 5 | 0 | 20 | 932 | 256 | 84 | 0 | 1 |
| % AT STAGE | 0.00 | 0.39 | 0.00 | 1.54 | 71.80 | 19.72 | 6.47 | 0.00 | 0.08 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 10 | 568 | 30 | 608 |
| % | 1.64 | 93.42 | 4.93 | 100.00 |
| % SAMPLE WEIGHT | 0.22 | 24.68 | 0.13 | 25.03 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 689 | 608 | 1 | 1298 |
| % | 53.08 | 46.84 | 0.08 | 100.00 |
| MEAN WEIGHT | 96.52 | 105.33 | 89.00 | 100.64 |
| % SAMP. WT. | 50.91 | 49.02 | 0.07 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 138 - MARINA ISLAND
SAMPLE NUMBERS: 330
SOURCE: PRE-FISHERY CHARTER
GEAR: HERRING SEINE
DATE: MAR 9/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 4 | 10 | 19 | 6 | 3 | 4 | 0 | 0 | 53 | 99 |
| % AT AGE | 0.00 | 0.00 | 8.70 | 21.74 | 41.30 | 13.04 | 6.52 | 8.70 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 182.00 | 192.60 | 193.89 | 203.67 | 217.00 | 218.00 | 0.00 | 0.00 | 193.81 | 195.51 |
| - STD. DEV. | 0.00 | 0.00 | 10.80 | 8.42 | 9.75 | 9.81 | 11.00 | 3.83 | 0.00 | 0.00 | 11.30 | 12.34 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 91.50 | 105.70 | 111.42 | 135.50 | 165.67 | 171.00 | 0.00 | 0.00 | 113.87 | 116.86 |
| - STD. DEV. | 0.00 | 0.00 | 19.82 | 19.07 | 23.97 | 25.36 | 16.77 | 21.53 | 0.00 | 0.00 | 25.71 | 28.60 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 82 | 13 | 4 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 82.83 | 13.13 | 4.04 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 52 | 1 | 53 |
| % | 0.00 | 98.11 | 1.89 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 27.47 | 0.03 | 27.50 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 46 | 53 | 0 | 99 |
| % | 46.46 | 53.54 | 0.00 | 100.00 |
| MEAN WEIGHT | 109.13 | 123.57 | 0.00 | 116.86 |
| % SAMP. WT. | 43.39 | 56.61 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 49, 67, 69, 52,203, 65, 11

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 16/82 - MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 49 | 136 | 126 | 86 | 30 | 33 | 19 | 1 | 1 | 201 | 682 |
| % AT AGE | 0.00 | 10.19 | 28.27 | 26.20 | 17.88 | 6.24 | 6.86 | 3.95 | 0.21 | 0.21 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 148.22 | 184.88 | 196.13 | 205.98 | 213.83 | 220.15 | 227.21 | 241.00 | 240.00 | 198.71 | 195.38 |
| - STD. DEV. | 0.00 | 12.59 | 12.71 | 9.95 | 8.98 | 10.09 | 6.92 | 11.50 | 0.00 | 0.00 | 15.87 | 20.84 |
| WEIGHT - MEAN(gm) | 0.00 | 46.24 | 90.38 | 107.91 | 128.06 | 142.60 | 163.15 | 176.47 | 163.00 | 205.00 | 118.60 | 112.01 |
| - STD. DEV. | 0.00 | 11.62 | 18.62 | 19.44 | 21.82 | 26.41 | 20.73 | 35.32 | 0.00 | 0.00 | 31.90 | 36.64 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 18 | 0 | 1 | 4 | 208 | 348 | 103 | 0 | 0 |
| % AT STAGE | 2.64 | 0.00 | 0.15 | 0.59 | 30.50 | 51.03 | 15.10 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 10 | 301 | 37 | 348 |
| % | 2.87 | 86.49 | 10.63 | 100.00 |
| % SAMPLE WEIGHT | 0.03 | 22.70 | 0.44 | 23.17 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 332 | 348 | 0 | 680 |
| % | 48.82 | 51.18 | 0.00 | 100.00 |
| MEAN WEIGHT | 107.40 | 116.43 | 0.00 | 112.02 |
| % SAMP. WT. | 46.81 | 53.19 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 143 - QUALICUM

SAMPLE NUMBERS: 57

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 15 | 13 | 21 | 9 | 8 | 2 | 1 | 0 | 31 | 100 |
| % AT AGE | 0.00 | 0.00 | 21.74 | 18.84 | 30.43 | 13.04 | 11.59 | 2.90 | 1.45 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 196.00 | 203.77 | 206.95 | 216.56 | 229.63 | 230.50 | 234.00 | 0.00 | 210.65 | 209.46 |
| - STD. DEV. | 0.00 | 0.00 | 8.31 | 6.22 | 8.41 | 9.63 | 11.81 | 10.61 | 0.00 | 0.00 | 11.51 | 13.16 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 102.27 | 114.54 | 118.52 | 144.78 | 193.25 | 180.50 | 157.00 | 0.00 | 136.68 | 131.16 |
| - STD. DEV. | 0.00 | 0.00 | 18.30 | 16.27 | 20.54 | 29.38 | 11.02 | 17.68 | 0.00 | 0.00 | 30.00 | 33.31 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 36 | 34 | 30 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 36.00 | 34.00 | 30.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 30 | 7 | 37 |
| % | 0.00 | 81.08 | 18.92 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 22.48 | 0.51 | 22.98 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 63 | 37 | 0 | 100 |
| % | 63.00 | 37.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 126.70 | 138.76 | 0.00 | 131.16 |
| % SAMP. WT. | 60.86 | 39.14 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 144 - FRENCH CREEK

SAMPLE NUMBERS: 55, 61, 48

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 6/82 - MAR 7/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 3 | 56 | 63 | 45 | 16 | 17 | 10 | 4 | 0 | 83 | 297 |
| % AT AGE | 0.00 | 1.40 | 26.17 | 29.44 | 21.03 | 7.48 | 7.94 | 4.67 | 1.87 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 163.67 | 192.00 | 200.22 | 206.24 | 217.44 | 226.29 | 224.70 | 232.75 | 0.00 | 204.84 | 204.19 |
| - STD. DEV. | 0.00 | 15.95 | 7.83 | 9.72 | 8.86 | 8.23 | 11.19 | 6.36 | 6.85 | 0.00 | 17.03 | 15.76 |
| WEIGHT - MEAN(g) | 0.00 | 69.67 | 86.73 | 99.54 | 106.76 | 125.00 | 134.47 | 136.00 | 146.25 | 0.00 | 104.83 | 104.62 |
| - STD. DEV. | 0.00 | 26.76 | 11.35 | 13.11 | 13.23 | 13.01 | 18.62 | 7.70 | 8.81 | 0.00 | 24.44 | 22.26 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 4 | 11 | 282 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 1.35 | 3.70 | 94.95 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 10 | 115 | 125 |
| % | 0.00 | 8.00 | 92.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 2.04 | 4.28 | 6.32 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 172 | 125 | 0 | 297 |
| % | 57.91 | 42.09 | 0.00 | 100.00 |
| MEAN WEIGHT | 103.42 | 106.28 | 0.00 | 104.62 |
| % SAMP. WT. | 57.25 | 42.75 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 152 - LUND

SAMPLE NUMBERS: 185, 18,100,322, 1, 99,102, 4, 2,204

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 23/82 - MAR 20/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 35 | 36 | 168 | 200 | 208 | 50 | 48 | 20 | 9 | 2 | 217 | 993 |
| % AT AGE | 4.51 | 4.64 | 21.65 | 25.77 | 26.80 | 6.44 | 6.19 | 2.58 | 1.16 | 0.26 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 86.20 | 136.00 | 179.46 | 191.72 | 198.19 | 204.52 | 208.77 | 217.50 | 227.44 | 235.50 | 182.97 | 185.75 |
| - STD. DEV. | 7.24 | 16.14 | 10.20 | 9.87 | 8.58 | 10.49 | 11.38 | 6.79 | 10.62 | 2.12 | 42.32 | 32.23 |
| WEIGHT - MEAN(gm) | 8.66 | 34.92 | 80.51 | 100.50 | 112.03 | 124.96 | 137.06 | 146.50 | 163.56 | 179.50 | 100.28 | 98.53 |
| - STD. DEV. | 2.22 | 14.88 | 14.14 | 18.44 | 18.64 | 24.22 | 24.82 | 22.16 | 22.90 | 26.16 | 46.14 | 38.08 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 13 | 3 | 73 | 24 | 291 | 367 | 221 | 0 | 1 |
| % AT STAGE | 1.31 | 0.30 | 7.35 | 2.42 | 29.31 | 36.96 | 22.26 | 0.00 | 0.10 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 17 | 353 | 44 | 414 |
| % | 4.11 | 85.27 | 10.63 | 100.00 |
| % SAMPLE WEIGHT | 0.27 | 20.56 | 0.25 | 21.08 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 506 | 414 | 73 | 993 |
| % | 50.96 | 41.69 | 7.35 | 100.00 |
| MEAN WEIGHT | 103.05 | 108.35 | 11.48 | 98.53 |
| % SAMP. WT. | 53.30 | 45.85 | 0.86 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 162 - STILLWATER

SAMPLE NUMBERS: 125,109

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 28/82 - MAR 2/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 54 | 42 | 42 | 6 | 13 | 8 | 2 | 0 | 30 | 198 |
| % AT AGE | 0.00 | 0.60 | 32.14 | 25.00 | 25.00 | 3.57 | 7.74 | 4.76 | 1.19 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 184.00 | 181.54 | 187.45 | 197.02 | 205.50 | 203.54 | 210.75 | 210.00 | 0.00 | 195.60 | 191.86 |
| - STD. DEV. | 0.00 | 0.00 | 7.79 | 7.75 | 7.25 | 10.80 | 8.20 | 12.68 | 1.41 | 0.00 | 15.97 | 12.81 |
| WEIGHT - MEAN(gm) | 0.00 | 81.00 | 84.57 | 97.17 | 116.88 | 135.50 | 131.23 | 144.25 | 138.00 | 0.00 | 115.00 | 106.25 |
| - STD. DEV. | 0.00 | 0.00 | 12.68 | 17.42 | 19.88 | 32.88 | 19.65 | 28.13 | 9.90 | 0.00 | 36.72 | 28.08 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 112 | 86 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 56.57 | 43.43 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 114 | 0 | 114 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 24.16 | 0.00 | 24.16 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 84 | 114 | 0 | 198 |
| % | 42.42 | 57.58 | 0.00 | 100.00 |
| MEAN WEIGHT | 103.35 | 108.39 | 0.00 | 106.25 |
| % SAMP. WT. | 41.27 | 58.73 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 9,205, 51, 68, 66, 6, 56, 10,182, 64, 3

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 17/82 - MAR 11/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 74 | 261 | 186 | 116 | 17 | 25 | 12 | 4 | 0 | 394 | 1089 |
| % AT AGE | 0.00 | 10.65 | 37.55 | 26.76 | 16.69 | 2.45 | 3.60 | 1.73 | 0.58 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 165.53 | 186.41 | 198.35 | 204.79 | 215.76 | 226.08 | 233.92 | 237.75 | 0.00 | 193.11 | 193.49 |
| - STD. DEV. | 0.00 | 10.99 | 10.89 | 11.31 | 10.10 | 10.03 | 7.79 | 8.80 | 4.99 | 0.00 | 17.58 | 18.02 |
| WEIGHT - MEAN(gm) | 0.00 | 63.85 | 91.82 | 112.85 | 126.59 | 151.24 | 166.52 | 193.50 | 187.50 | 0.00 | 105.46 | 106.27 |
| - STD. DEV. | 0.00 | 14.61 | 18.60 | 20.99 | 20.62 | 24.10 | 19.82 | 17.38 | 5.20 | 0.00 | 31.00 | 32.12 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 8 | 2 | 1 | 4 | 436 | 573 | 65 | 0 | 0 |
| % AT STAGE | 0.73 | 0.18 | 0.09 | 0.37 | 40.04 | 52.62 | 5.97 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 11 | 537 | 4 | 552 |
| % | 1.99 | 97.28 | 0.72 | 100.00 |
| % SAMPLE WEIGHT | 0.06 | 21.04 | 0.03 | 21.12 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 536 | 552 | 0 | 1088 |
| % | 49.26 | 50.74 | 0.00 | 100.00 |
| MEAN WEIGHT | 100.96 | 111.37 | 0.00 | 106.24 |
| % SAMP. WT. | 46.82 | 53.18 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 172 - NANOOSE BAY

SAMPLE NUMBERS: 17, 47, 60, 50, 63, 15, 16, 58, 54

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 16/82 - MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 95 | 277 | 112 | 71 | 14 | 22 | 8 | 3 | 0 | 291 | 893 |
| % AT AGE | 0.00 | 15.78 | 46.01 | 18.60 | 11.79 | 2.33 | 3.65 | 1.33 | 0.50 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 160.13 | 182.49 | 195.46 | 204.34 | 218.86 | 219.86 | 227.25 | 233.33 | 0.00 | 191.57 | 188.50 |
| - STD. DEV. | 0.00 | 8.71 | 9.75 | 10.22 | 9.76 | 8.47 | 8.00 | 12.17 | 3.06 | 0.00 | 37.81 | 26.68 |
| WEIGHT - MEAN(gm) | 0.00 | 60.02 | 90.57 | 111.24 | 129.08 | 161.43 | 161.14 | 188.50 | 199.67 | 0.00 | 103.12 | 101.16 |
| - STD. DEV. | 0.00 | 12.92 | 19.53 | 21.41 | 22.68 | 23.98 | 19.61 | 24.95 | 5.69 | 0.00 | 31.47 | 33.40 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 5 | 5 | 13 | 33 | 287 | 542 | 8 | 0 | 0 |
| % AT STAGE | 0.56 | 0.56 | 1.46 | 3.70 | 32.14 | 60.69 | 0.90 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 29 | 457 | 2 | 488 |
| % | 5.94 | 93.65 | 0.41 | 100.00 |
| % SAMPLE WEIGHT | 0.41 | 22.39 | 0.01 | 22.81 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 405 | 488 | 0 | 893 |
| % | 45.35 | 54.65 | 0.00 | 100.00 |
| MEAN WEIGHT | 95.31 | 106.02 | 0.00 | 101.16 |
| % SAMP. WT. | 42.73 | 57.27 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 190,209,222,220,187

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 7/82 - MAR 8/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 14 | 111 | 93 | 68 | 20 | 18 | 13 | 1 | 1 | 158 | 497 |
| % AT AGE | 0.00 | 4.13 | 32.74 | 27.43 | 20.06 | 5.90 | 5.31 | 3.83 | 0.29 | 0.29 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 162.14 | 185.54 | 194.74 | 205.12 | 212.95 | 215.67 | 228.38 | 238.00 | 225.00 | 195.03 | 195.80 |
| - STD. DEV. | 0.00 | 11.77 | 8.77 | 9.63 | 8.47 | 7.44 | 8.87 | 5.47 | 0.00 | 0.00 | 16.55 | 16.34 |
| WEIGHT - MEAN(gm) | 0.00 | 63.14 | 94.17 | 109.48 | 126.94 | 146.35 | 145.44 | 164.69 | 187.00 | 193.00 | 111.57 | 112.36 |
| - STD. DEV. | 0.00 | 11.92 | 16.58 | 21.13 | 23.45 | 23.62 | 26.09 | 17.45 | 0.00 | 0.00 | 33.54 | 31.40 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 1 | 319 | 107 | 70 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.20 | 64.19 | 21.53 | 14.08 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 206 | 14 | 220 |
| % | 0.00 | 93.64 | 6.36 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 25.76 | 0.11 | 25.87 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 277 | 220 | 0 | 497 |
| % | 55.73 | 44.27 | 0.00 | 100.00 |
| MEAN WEIGHT | 106.79 | 119.38 | 0.00 | 112.36 |
| % SAMP. WT. | 52.97 | 47.03 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 181 - OTHER AREA 18

SAMPLE NUMBERS: 14, 8

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 24/82 - FEB 26/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 22 | 39 | 21 | 7 | 3 | 8 | 2 | 0 | 0 | 98 | 200 |
| % AT AGE | 0.00 | 21.57 | 38.24 | 20.59 | 6.86 | 2.94 | 7.84 | 1.96 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 168.68 | 184.31 | 198.67 | 210.86 | 220.67 | 228.88 | 232.00 | 0.00 | 0.00 | 195.13 | 193.13 |
| - STD. DEV. | 0.00 | 8.58 | 9.23 | 8.48 | 6.69 | 19.55 | 10.58 | 9.90 | 0.00 | 0.00 | 19.02 | 19.82 |
| WEIGHT - MEAN(gm) | 0.00 | 68.77 | 86.69 | 108.67 | 132.71 | 166.33 | 179.88 | 187.00 | 0.00 | 0.00 | 110.76 | 106.36 |
| - STD. DEV. | 0.00 | 13.67 | 14.80 | 13.09 | 11.28 | 40.50 | 36.27 | 33.94 | 0.00 | 0.00 | 35.39 | 36.95 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 1 | 0 | 1 | 35 | 162 | 0 | 0 | 0 |
| % AT STAGE | 0.50 | 0.50 | 0.00 | 0.50 | 17.50 | 81.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 2 | 97 | 0 | 99 |
| % | 2.02 | 97.98 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.04 | 17.76 | 0.00 | 17.78 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 101 | 99 | 0 | 200 |
| % | 50.50 | 49.50 | 0.00 | 100.00 |
| MEAN WEIGHT | 104.86 | 107.88 | 0.00 | 106.36 |
| % SAMP. WT. | 49.79 | 50.21 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 183 - PLUMPER SOUND

SAMPLE NUMBERS: 7,214, 59, 13

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 23/82 - MAR 17/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 26 | 108 | 59 | 30 | 7 | 13 | 6 | 2 | 0 | 144 | 395 |
| % AT AGE | 0.00 | 10.36 | 43.03 | 23.51 | 11.95 | 2.79 | 5.18 | 2.39 | 0.80 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 168.38 | 184.61 | 200.29 | 208.60 | 216.00 | 222.31 | 231.67 | 226.00 | 0.00 | 196.53 | 194.77 |
| - STD. DEV. | 0.00 | 9.47 | 11.52 | 8.80 | 10.21 | 12.82 | 8.12 | 7.20 | 5.66 | 0.00 | 15.75 | 17.59 |
| WEIGHT - MEAN(gm) | 0.00 | 68.62 | 90.69 | 115.69 | 129.73 | 139.86 | 157.08 | 163.67 | 161.50 | 0.00 | 111.54 | 108.06 |
| - STD. DEV. | 0.00 | 12.38 | 16.95 | 16.41 | 19.14 | 24.41 | 14.19 | 26.94 | 7.78 | 0.00 | 27.35 | 29.04 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 3 | 0 | 108 | 265 | 19 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.76 | 0.00 | 27.34 | 67.09 | 4.81 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 3 | 200 | 0 | 203 |
| % | 1.48 | 98.52 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.07 | 18.94 | 0.00 | 19.01 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 192 | 203 | 0 | 395 |
| % | 48.61 | 51.39 | 0.00 | 100.00 |
| MEAN WEIGHT | 105.73 | 110.26 | 0.00 | 108.06 |
| % SAMP. WT. | 47.56 | 52.44 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 184 - FULFORD HARBOUR

SAMPLE NUMBERS: 5

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 18/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 6 | 30 | 12 | 12 | 2 | 1 | 0 | 1 | 0 | 36 | 100 |
| % AT AGE | 0.00 | 9.38 | 46.88 | 18.75 | 18.75 | 3.13 | 1.56 | 0.00 | 1.56 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 166.83 | 185.00 | 201.17 | 205.92 | 215.00 | 215.00 | 0.00 | 223.00 | 0.00 | 191.89 | 192.12 |
| - STD. DEV. | 0.00 | 7.65 | 9.05 | 8.71 | 7.61 | 2.83 | 0.00 | 0.00 | 0.00 | 0.00 | 16.00 | 15.65 |
| WEIGHT - MEAN(gm) | 0.00 | 65.50 | 93.93 | 120.42 | 136.00 | 153.50 | 135.00 | 0.00 | 171.00 | 0.00 | 107.53 | 107.72 |
| - STD. DEV. | 0.00 | 11.95 | 16.35 | 17.15 | 17.92 | 4.95 | 0.00 | 0.00 | 0.00 | 0.00 | 29.40 | 28.84 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 1 | 9 | 90 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 1.00 | 9.00 | 90.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 44 | 0 | 45 |
| % | 2.22 | 97.78 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.06 | 17.52 | 0.00 | 17.58 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 55 | 45 | 0 | 100 |
| % | 55.00 | 45.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 107.64 | 107.82 | 0.00 | 107.72 |
| % SAMP. WT. | 54.96 | 45.04 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 231 - OTHER AREA 23

SAMPLE NUMBERS: 78, 71, 80,123, 75, 72, 62

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 27/82 - MAR 7/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 50 | 141 | 112 | 61 | 21 | 16 | 12 | 6 | 1 | 272 | 692 |
| % AT AGE | 0.00 | 11.90 | 33.57 | 26.67 | 14.52 | 5.00 | 3.81 | 2.86 | 1.43 | 0.24 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 168.48 | 183.87 | 198.60 | 207.33 | 214.71 | 220.38 | 228.25 | 227.50 | 235.00 | 195.74 | 194.88 |
| - STD. DEV. | 0.00 | 10.47 | 9.59 | 10.16 | 8.33 | 8.89 | 6.83 | 7.76 | 5.50 | 0.00 | 19.13 | 18.61 |
| WEIGHT - MEAN(gm) | 0.00 | 73.90 | 95.13 | 120.19 | 138.48 | 154.43 | 167.50 | 182.92 | 181.33 | 202.00 | 115.39 | 115.33 |
| - STD. DEV. | 0.00 | 9.39 | 15.98 | 19.64 | 19.50 | 20.75 | 20.24 | 18.30 | 26.61 | 0.00 | 33.54 | 33.50 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 1 | 154 | 531 | 6 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.14 | 22.25 | 76.73 | 0.87 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 365 | 2 | 367 |
| % | 0.00 | 99.46 | 0.54 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 24.78 | 0.05 | 24.83 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 325 | 367 | 0 | 692 |
| % | 46.97 | 53.03 | 0.00 | 100.00 |
| MEAN WEIGHT | 109.74 | 120.29 | 0.00 | 115.33 |
| % SAMP. WT. | 44.69 | 55.31 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 232 - MACOAH PASS

SAMPLE NUMBERS: 79,149, 12, 76,219,148,218,186, 81,208, 53,146, 77

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 23/82 - MAR 16/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 17 | 181 | 239 | 177 | 45 | 67 | 26 | 16 | 1 | 523 | 1292 |
| % AT AGE | 0.00 | 2.21 | 23.54 | 31.08 | 23.02 | 5.85 | 8.71 | 3.38 | 2.08 | 0.13 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 169.82 | 184.97 | 197.79 | 205.58 | 216.33 | 223.07 | 234.42 | 232.56 | 235.00 | 200.72 | 201.03 |
| - STD. DEV. | 0.00 | 6.46 | 8.48 | 9.58 | 9.83 | 11.66 | 9.96 | 10.99 | 11.99 | 0.00 | 18.25 | 17.66 |
| WEIGHT - MEAN(gm) | 0.00 | 70.65 | 92.55 | 117.60 | 130.99 | 151.64 | 169.19 | 190.92 | 187.44 | 161.00 | 123.51 | 123.93 |
| - STD. DEV. | 0.00 | 9.71 | 14.44 | 19.06 | 21.25 | 27.08 | 28.92 | 26.57 | 28.05 | 0.00 | 34.69 | 34.65 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 3 | 4 | 728 | 515 | 42 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.23 | 0.31 | 56.35 | 39.86 | 3.25 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 703 | 4 | 708 |
| % | 0.14 | 99.29 | 0.56 | 100.00 |
| % SAMPLE WEIGHT | 0.01 | 26.38 | 0.02 | 26.41 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 583 | 708 | 1 | 1292 |
| % | 45.12 | 54.80 | 0.08 | 100.00 |
| MEAN WEIGHT | 116.25 | 130.31 | 87.00 | 123.93 |
| % SAMP. WT. | 42.33 | 57.62 | 0.05 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 233 - MAYNE BAY

SAMPLE NUMBERS: 70, 74, 73

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 20/82 - FEB 22/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 11 | 49 | 57 | 38 | 7 | 7 | 4 | 4 | 7 | 115 | 299 |
| % AT AGE | 0.00 | 5.98 | 26.63 | 30.98 | 20.65 | 3.80 | 3.80 | 2.17 | 2.17 | 3.80 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 166.73 | 183.96 | 195.02 | 205.76 | 213.14 | 217.57 | 222.75 | 234.75 | 234.43 | 194.28 | 196.02 |
| - STD. DEV. | 0.00 | 10.65 | 7.12 | 7.78 | 6.42 | 9.01 | 9.00 | 4.19 | 10.72 | 9.34 | 17.64 | 17.47 |
| WEIGHT - MEAN(gm) | 0.00 | 69.82 | 92.41 | 112.68 | 130.47 | 153.00 | 149.14 | 168.25 | 184.75 | 182.00 | 111.78 | 114.83 |
| - STD. DEV. | 0.00 | 14.43 | 11.55 | 15.14 | 15.42 | 16.16 | 16.58 | 24.35 | 22.69 | 18.06 | 29.18 | 30.33 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 0 | 0 | 3 | 16 | 278 | 1 | 0 | 0 |
| % AT STAGE | 0.33 | 0.00 | 0.00 | 1.00 | 5.35 | 92.98 | 0.33 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 4 | 107 | 1 | 112 |
| % | 3.57 | 95.54 | 0.89 | 100.00 |
| % SAMPLE WEIGHT | 0.14 | 20.62 | 0.08 | 20.83 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 187 | 112 | 0 | 299 |
| % | 62.54 | 37.46 | 0.00 | 100.00 |
| MEAN WEIGHT | 113.26 | 117.44 | 0.00 | 114.83 |
| % SAMP. WT. | 61.69 | 38.31 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 243 - SYDNEY INLET

SAMPLE NUMBERS: 371,366,352,368,363,369,354

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 26/82 - MAR 13/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 13 | 152 | 169 | 118 | 16 | 46 | 10 | 4 | 0 | 170 | 698 |
| % AT AGE | 0.00 | 2.46 | 28.79 | 32.01 | 22.35 | 3.03 | 8.71 | 1.89 | 0.76 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 166.77 | 181.70 | 191.93 | 204.50 | 211.19 | 216.83 | 225.00 | 229.75 | 0.00 | 190.75 | 193.84 |
| - STD. DEV. | 0.00 | 6.47 | 9.42 | 9.31 | 8.89 | 10.03 | 10.06 | 8.41 | 8.34 | 0.00 | 16.25 | 16.11 |
| WEIGHT - MEAN(gm) | 0.00 | 68.46 | 84.22 | 102.99 | 125.98 | 136.88 | 156.67 | 179.80 | 187.25 | 0.00 | 99.70 | 107.24 |
| - STD. DEV. | 0.00 | 16.92 | 16.56 | 21.11 | 23.50 | 27.62 | 31.53 | 26.00 | 33.33 | 0.00 | 30.54 | 33.16 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 1 | 350 | 186 | 161 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.14 | 50.14 | 26.65 | 23.07 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 309 | 35 | 345 |
| % | 0.29 | 89.57 | 10.14 | 100.00 |
| % SAMPLE WEIGHT | 0.04 | 23.01 | 0.21 | 23.26 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 352 | 345 | 0 | 697 |
| % | 50.50 | 49.50 | 0.00 | 100.00 |
| MEAN WEIGHT | 102.05 | 112.43 | 0.00 | 107.19 |
| % SAMP. WT. | 48.08 | 51.92 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 244 - WHITEPINE COVE

SAMPLE NUMBERS: 361,356,372,365

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 5/82 - MAR 13/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 15 | 84 | 84 | 74 | 15 | 21 | 2 | 2 | 0 | 99 | 396 |
| % AT AGE | 0.00 | 5.05 | 28.28 | 28.28 | 24.92 | 5.05 | 7.07 | 0.67 | 0.67 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 166.60 | 182.50 | 193.42 | 203.53 | 213.67 | 217.52 | 232.00 | 229.00 | 0.00 | 191.51 | 193.92 |
| - STD. DEV. | 0.00 | 11.92 | 8.47 | 8.50 | 7.74 | 8.62 | 10.40 | 7.07 | 26.87 | 0.00 | 16.84 | 16.11 |
| WEIGHT - MEAN(gm) | 0.00 | 63.20 | 79.51 | 93.86 | 110.95 | 124.07 | 134.10 | 156.50 | 147.50 | 0.00 | 95.58 | 97.14 |
| - STD. DEV. | 0.00 | 14.25 | 13.93 | 14.43 | 17.80 | 18.62 | 20.00 | 34.65 | 38.89 | 0.00 | 29.55 | 26.18 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 14 | 1 | 116 | 45 | 220 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 3.54 | 0.25 | 29.29 | 11.36 | 55.56 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 96 | 62 | 159 |
| % | 0.63 | 60.38 | 38.99 | 100.00 |
| % SAMPLE WEIGHT | 0.10 | 16.43 | 0.75 | 17.29 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 223 | 159 | 14 | 396 |
| % | 56.31 | 40.15 | 3.54 | 100.00 |
| MEAN WEIGHT | 94.11 | 104.26 | 64.57 | 97.14 |
| % SAMP. WT. | 54.56 | 43.09 | 2.35 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 245 - MEARES ISLAND

SAMPLE NUMBERS: 359,364,360,355,373,374,362

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 2/82 - MAR 10/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 7 | 81 | 153 | 154 | 34 | 50 | 14 | 8 | 1 | 194 | 696 |
| % AT AGE | 0.00 | 1.39 | 16.14 | 30.48 | 30.68 | 6.77 | 9.96 | 2.79 | 1.59 | 0.20 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 163.86 | 186.17 | 198.86 | 204.78 | 213.15 | 217.78 | 219.43 | 236.63 | 243.00 | 204.24 | 202.81 |
| - STD. DEV. | 0.00 | 9.49 | 8.45 | 8.97 | 10.67 | 7.53 | 10.25 | 10.30 | 9.05 | 0.00 | 17.31 | 15.58 |
| WEIGHT - MEAN(gm) | 0.00 | 65.29 | 91.64 | 114.66 | 126.34 | 148.76 | 155.74 | 157.29 | 198.25 | 192.00 | 125.90 | 123.75 |
| - STD. DEV. | 0.00 | 13.78 | 16.07 | 19.36 | 21.31 | 20.37 | 27.91 | 22.52 | 28.16 | 0.00 | 34.70 | 31.82 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 2 | 0 | 398 | 181 | 115 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.29 | 0.00 | 57.18 | 26.01 | 16.52 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 284 | 38 | 322 |
| % | 0.00 | 88.20 | 11.80 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 24.56 | 0.25 | 24.82 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 372 | 322 | 2 | 696 |
| % | 53.45 | 46.26 | 0.29 | 100.00 |
| MEAN WEIGHT | 119.13 | 129.26 | 95.50 | 123.75 |
| % SAMP. WT. | 51.45 | 48.33 | 0.22 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 252 - WEST NOOTKA

SAMPLE NUMBERS: 155,156

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 28 | 31 | 66 | 11 | 38 | 0 | 1 | 0 | 20 | 195 |
| % AT AGE | 0.00 | 0.00 | 16.00 | 17.71 | 37.71 | 6.29 | 21.71 | 0.00 | 0.57 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 187.93 | 196.74 | 203.48 | 208.09 | 208.55 | 0.00 | 205.00 | 0.00 | 199.55 | 201.03 |
| - STD. DEV. | 0.00 | 0.00 | 6.68 | 8.78 | 11.23 | 6.14 | 11.74 | 0.00 | 0.00 | 0.00 | 11.80 | 12.09 |
| WEIGHT - MEAN(g) | 0.00 | 0.00 | 101.46 | 114.97 | 130.18 | 136.91 | 136.79 | 0.00 | 143.00 | 0.00 | 118.85 | 124.21 |
| - STD. DEV. | 0.00 | 0.00 | 11.95 | 17.75 | 23.23 | 11.12 | 21.97 | 0.00 | 0.00 | 0.00 | 17.57 | 22.88 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 1 | 0 | 116 | 76 | 2 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.51 | 0.00 | 59.49 | 38.97 | 1.03 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 115 | 0 | 116 |
| % | 0.86 | 99.14 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.38 | 29.49 | 0.00 | 29.87 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 79 | 116 | 0 | 195 |
| % | 40.51 | 59.49 | 0.00 | 100.00 |
| MEAN WEIGHT | 115.57 | 130.09 | 0.00 | 124.21 |
| % SAMP. WT. | 37.69 | 62.31 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 253 - NUCHATLITZ INLET

SAMPLE NUMBERS: 370,353,158,152,153,357,151,150,358,157, 154,367

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 26/82 - MAR 17/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 4 | 206 | 243 | 325 | 54 | 94 | 11 | 2 | 0 | 257 | 1196 |
| % AT AGE | 0.00 | 0.43 | 21.94 | 25.88 | 34.61 | 5.75 | 10.01 | 1.17 | 0.21 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 161.25 | 183.03 | 191.71 | 201.26 | 206.69 | 209.55 | 213.55 | 214.50 | 0.00 | 194.71 | 195.67 |
| - STD. DEV. | 0.00 | 6.18 | 7.64 | 8.35 | 8.04 | 8.06 | 7.80 | 7.46 | 0.71 | 0.00 | 13.59 | 12.53 |
| WEIGHT - MEAN(gm) | 0.00 | 68.25 | 84.52 | 98.77 | 116.19 | 125.37 | 131.56 | 137.45 | 149.00 | 0.00 | 106.41 | 106.81 |
| - STD. DEV. | 0.00 | 4.57 | 13.07 | 15.32 | 17.76 | 18.51 | 19.78 | 22.27 | 9.90 | 0.00 | 24.56 | 23.34 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 2 | 1 | 564 | 443 | 186 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.17 | 0.08 | 47.16 | 37.04 | 15.55 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 644 | 46 | 691 |
| % | 0.14 | 93.20 | 6.66 | 100.00 |
| % SAMPLE WEIGHT | 0.02 | 23.74 | 0.13 | 23.88 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 502 | 691 | 2 | 1195 |
| % | 42.01 | 57.82 | 0.17 | 100.00 |
| MEAN WEIGHT | 99.48 | 112.26 | 70.50 | 106.82 |
| % SAMP. WT. | 39.12 | 60.77 | 0.11 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 261 - OTHER AREA 26

SAMPLE NUMBERS: 110

SOURCE: PRE-FISHERY CHARTER

GEAR: OTHER

DATE: MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 8 | 4 | 28 | 0 | 4 | 1 | 0 | 0 | 5 | 50 |
| % AT AGE | 0.00 | 0.00 | 17.78 | 8.89 | 62.22 | 0.00 | 8.89 | 2.22 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 182.13 | 189.75 | 202.75 | 0.00 | 212.75 | 214.00 | 0.00 | 0.00 | 192.60 | 198.42 |
| - STD. DEV. | 0.00 | 0.00 | 4.05 | 4.11 | 6.80 | 0.00 | 7.23 | 0.00 | 0.00 | 0.00 | 8.62 | 11.11 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 88.75 | 103.50 | 124.50 | 0.00 | 139.50 | 145.00 | 0.00 | 0.00 | 109.80 | 117.24 |
| - STD. DEV. | 0.00 | 0.00 | 11.70 | 7.59 | 18.18 | 0.00 | 22.96 | 0.00 | 0.00 | 0.00 | 15.22 | 22.28 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 27 | 23 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 54.00 | 46.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 30 | 0 | 30 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 30.12 | 0.00 | 30.12 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 20 | 30 | 0 | 50 |
| % | 40.00 | 60.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 104.00 | 126.07 | 0.00 | 117.24 |
| % SAMP. WT. | 35.48 | 64.52 | 0.00 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 272 - BROOKS BAY

SAMPLE NUMBERS: 111,105,104,103,161

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 3/82 - MAR 22/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 3 | 167 | 47 | 123 | 16 | 34 | 3 | 0 | 0 | 97 | 490 |
| % AT AGE | 0.00 | 0.76 | 42.49 | 11.96 | 31.30 | 4.07 | 8.65 | 0.76 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 153.00 | 183.78 | 193.06 | 202.63 | 205.25 | 210.68 | 218.00 | 0.00 | 0.00 | 191.13 | 193.45 |
| - STD. DEV. | 0.00 | 8.54 | 6.89 | 10.19 | 8.22 | 8.42 | 8.52 | 9.54 | 0.00 | 0.00 | 17.86 | 14.36 |
| WEIGHT - MEAN(gm) | 0.00 | 48.67 | 89.77 | 104.74 | 123.85 | 124.50 | 141.59 | 178.67 | 0.00 | 0.00 | 103.95 | 107.59 |
| - STD. DEV. | 0.00 | 10.97 | 13.31 | 17.02 | 19.49 | 25.31 | 24.36 | 37.61 | 0.00 | 0.00 | 25.47 | 26.38 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 7 | 0 | 241 | 165 | 77 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 1.43 | 0.00 | 49.18 | 33.67 | 15.71 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 251 | 23 | 274 |
| % | 0.00 | 91.61 | 8.39 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 24.56 | 0.31 | 24.87 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 209 | 274 | 7 | 490 |
| % | 42.65 | 55.92 | 1.43 | 100.00 |
| MEAN WEIGHT | 99.06 | 114.97 | 73.29 | 107.59 |
| % SAMP. WT. | 39.27 | 59.75 | 0.97 | 100.00 |

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 273 - WINTER HARBOUR
SAMPLE NUMBERS: 124,159,160,108,107,106
SOURCE: PRE-FISHERY CHARTER
GEAR: HERRING SEINE
DATE: FEB 27/82 - MAR 11/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 4 | 178 | 42 | 237 | 24 | 39 | 3 | 1 | 0 | 70 | 598 |
| % AT AGE | 0.00 | 0.76 | 33.71 | 7.95 | 44.89 | 4.55 | 7.39 | 0.57 | 0.19 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 156.75 | 184.12 | 194.69 | 202.11 | 209.33 | 212.44 | 209.67 | 215.00 | 0.00 | 192.26 | 195.80 |
| - STD. DEV. | 0.00 | 12.63 | 9.20 | 9.32 | 7.55 | 8.18 | 9.53 | 5.51 | 0.00 | 0.00 | 15.52 | 13.64 |
| WEIGHT - MEAN(gm) | 0.00 | 61.75 | 95.01 | 113.14 | 127.21 | 142.08 | 149.97 | 139.33 | 145.00 | 0.00 | 110.81 | 116.45 |
| - STD. DEV. | 0.00 | 6.40 | 14.00 | 19.49 | 16.87 | 18.38 | 24.79 | 7.02 | 0.00 | 0.00 | 25.73 | 25.24 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 404 | 188 | 6 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 67.56 | 31.44 | 1.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 289 | 0 | 289 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 27.90 | 0.00 | 27.90 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 309 | 289 | 0 | 598 |
| % | 51.67 | 48.33 | 0.00 | 100.00 |
| MEAN WEIGHT | 109.21 | 124.19 | 0.00 | 116.45 |
| % SAMP. WT. | 48.46 | 51.54 | 0.00 | 100.00 |

TABLE 11 SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 2W - WEST COAST Q.C.I.

SAMPLE NUMBERS: 276,311,297,247,250,313,344,310,340,285, 316,223,317,308

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 20/82 - MAR 25/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 442 | 18 | 597 | 50 | 31 | 14 | 6 | 0 | 232 | 1391 |
| % AT AGE | 0.00 | 0.09 | 38.14 | 1.55 | 51.51 | 4.31 | 2.67 | 1.21 | 0.52 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 175.00 | 194.07 | 196.83 | 213.08 | 222.96 | 229.26 | 236.29 | 246.50 | 0.00 | 201.52 | 205.97 |
| - STD. DEV. | 0.00 | 0.00 | 8.50 | 10.87 | 9.32 | 7.57 | 9.73 | 8.85 | 4.59 | 0.00 | 17.45 | 15.09 |
| WEIGHT - MEAN(gm) | 0.00 | 88.00 | 112.74 | 123.78 | 155.10 | 178.66 | 188.35 | 219.14 | 210.00 | 0.00 | 129.95 | 139.46 |
| - STD. DEV. | 0.00 | 0.00 | 17.84 | 21.48 | 23.11 | 18.15 | 24.09 | 29.70 | 13.15 | 0.00 | 34.71 | 33.40 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 1 | 0 | 978 | 411 | 0 | 0 | 1 |
| % AT STAGE | 0.00 | 0.00 | 0.07 | 0.00 | 70.31 | 29.55 | 0.00 | 0.00 | 0.07 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 619 | 0 | 620 |
| % | 0.16 | 99.84 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.07 | 28.76 | 0.00 | 28.83 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 769 | 620 | 0 | 1389 |
| % | 55.36 | 44.64 | 0.00 | 100.00 |
| MEAN WEIGHT | 132.91 | 147.66 | 0.00 | 139.49 |
| % SAMP. WT. | 52.75 | 47.25 | 0.00 | 100.00 |

TABLE 11 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 2E - EAST COAST Q.C.I.

SAMPLE NUMBERS: 249,241,144,305,265,287,224,284,201,338, 279,239,343,274,331,238,145,320,237,281, 275,263,240

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 14/82 - MAR 22/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 32 | 47 | 1469 | 35 | 27 | 14 | 11 | 2 | 647 | 2285 |
| % AT AGE | 0.00 | 0.06 | 1.95 | 2.87 | 89.68 | 2.14 | 1.65 | 0.85 | 0.67 | 0.12 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 153.00 | 187.66 | 197.45 | 202.50 | 208.63 | 222.52 | 224.57 | 231.45 | 237.00 | 200.58 | 202.26 |
| - STD. DEV. | 0.00 | 0.00 | 10.13 | 7.98 | 8.47 | 7.41 | 10.66 | 8.42 | 8.18 | 12.73 | 11.93 | 10.54 |
| WEIGHT - MEAN(gm) | 0.00 | 58.00 | 97.50 | 117.85 | 126.49 | 140.14 | 164.41 | 171.64 | 185.09 | 202.00 | 127.03 | 127.31 |
| - STD. DEV. | 0.00 | 0.00 | 17.22 | 17.03 | 18.97 | 18.43 | 24.62 | 20.41 | 23.45 | 1.41 | 36.13 | 26.38 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 6 | 2 | 1627 | 627 | 22 | 0 | 1 |
| % AT STAGE | 0.00 | 0.00 | 0.26 | 0.09 | 71.20 | 27.44 | 0.96 | 0.00 | 0.04 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 2 | 1156 | 9 | 1167 |
| % | 0.17 | 99.06 | 0.77 | 100.00 |
| % SAMPLE WEIGHT | 0.04 | 27.16 | 0.03 | 27.23 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 1112 | 1167 | 5 | 2284 |
| % | 48.69 | 51.09 | 0.22 | 100.00 |
| MEAN WEIGHT | 120.82 | 133.68 | 87.00 | 127.32 |
| % SAMP. WT. | 46.20 | 53.65 | 0.15 | 100.00 |

TABLE 11 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 7 - BELLA BELLA

SAMPLE NUMBERS: 272,270,339,314,143,292

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 15/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 40 | 39 | 339 | 26 | 25 | 4 | 1 | 0 | 124 | 599 |
| % AT AGE | 0.00 | 0.21 | 8.42 | 8.21 | 71.37 | 5.47 | 5.26 | 0.84 | 0.21 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 156.00 | 184.60 | 194.67 | 203.12 | 204.35 | 213.68 | 220.50 | 226.00 | 0.00 | 202.36 | 201.75 |
| - STD. DEV. | 0.00 | 0.00 | 8.08 | 7.51 | 8.51 | 10.86 | 10.57 | 22.25 | 0.00 | 0.00 | 10.59 | 11.00 |
| WEIGHT - MEAN(gm) | 0.00 | 59.00 | 100.28 | 120.51 | 139.94 | 140.46 | 160.56 | 177.25 | 209.00 | 0.00 | 133.81 | 135.87 |
| - STD. DEV. | 0.00 | 0.00 | 15.53 | 16.99 | 19.62 | 21.44 | 25.34 | 46.94 | 0.00 | 0.00 | 23.66 | 24.29 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 403 | 194 | 2 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 67.28 | 32.39 | 0.33 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 319 | 0 | 319 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 28.03 | 0.00 | 28.03 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 280 | 319 | 0 | 599 |
| % | 46.74 | 53.26 | 0.00 | 100.00 |
| MEAN WEIGHT | 129.11 | 141.81 | 0.00 | 135.87 |
| % SAMP. WT. | 44.42 | 55.58 | 0.00 | 100.00 |

TABLE 11 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 39,318, 40, 41, 42, 44, 46, 37, 45, 38, 43

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 7/82 - MAR 8/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 41 | 283 | 114 | 131 | 31 | 30 | 13 | 2 | 0 | 442 | 1087 |
| % AT AGE | 0.00 | 6.36 | 43.88 | 17.67 | 20.31 | 4.81 | 4.65 | 2.02 | 0.31 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 172.00 | 187.58 | 197.81 | 207.24 | 214.00 | 224.73 | 228.92 | 226.50 | 0.00 | 197.64 | 196.87 |
| - STD. DEV. | 0.00 | 7.90 | 10.12 | 10.52 | 8.41 | 10.31 | 7.75 | 8.74 | 4.95 | 0.00 | 16.71 | 16.45 |
| WEIGHT - MEAN(gm) | 0.00 | 69.63 | 95.27 | 113.45 | 130.99 | 146.19 | 170.43 | 175.38 | 173.50 | 0.00 | 115.72 | 113.46 |
| - STD. DEV. | 0.00 | 11.91 | 17.07 | 19.55 | 20.05 | 25.24 | 21.94 | 22.44 | 19.09 | 0.00 | 30.90 | 31.04 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 2 | 1 | 399 | 665 | 20 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.18 | 0.09 | 36.71 | 61.18 | 1.84 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 2 | 491 | 11 | 504 |
| % | 0.40 | 97.42 | 2.18 | 100.00 |
| % SAMPLE WEIGHT | 0.05 | 25.21 | 0.08 | 25.34 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 582 | 504 | 0 | 1086 |
| % | 53.59 | 46.41 | 0.00 | 100.00 |
| MEAN WEIGHT | 109.49 | 118.01 | 0.00 | 113.44 |
| % SAMP. WT. | 51.72 | 48.28 | 0.00 | 100.00 |

TABLE 11 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 23 - BARKLEY SOUND

SAMPLE NUMBERS: 171,179,178,170,169,177,168,175,173,172, 174,147

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 16/82 - MAR 18/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 42 | 207 | 212 | 180 | 40 | 49 | 29 | 16 | 4 | 412 | 1191 |
| % AT AGE | 0.00 | 5.39 | 26.57 | 27.21 | 23.11 | 5.13 | 6.29 | 3.72 | 2.05 | 0.51 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 169.21 | 182.43 | 196.55 | 206.32 | 214.07 | 220.27 | 228.86 | 230.69 | 240.50 | 196.41 | 197.52 |
| - STD. DEV. | 0.00 | 8.05 | 10.86 | 10.50 | 8.96 | 10.78 | 9.61 | 9.02 | 12.95 | 11.68 | 18.50 | 18.44 |
| WEIGHT - MEAN(gm) | 0.00 | 72.38 | 90.41 | 112.29 | 131.73 | 146.00 | 156.06 | 171.31 | 177.75 | 188.25 | 114.68 | 116.35 |
| - STD. DEV. | 0.00 | 11.65 | 16.04 | 19.00 | 17.94 | 23.51 | 24.95 | 24.72 | 27.26 | 27.13 | 32.92 | 32.65 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 1 | 1 | 744 | 421 | 23 | 0 | 1 |
| % AT STAGE | 0.00 | 0.00 | 0.08 | 0.08 | 62.47 | 35.35 | 1.93 | 0.00 | 0.08 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 656 | 1 | 658 |
| % | 0.15 | 99.70 | 0.15 | 100.00 |
| % SAMPLE WEIGHT | 0.01 | 27.00 | 0.00 | 27.02 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 531 | 658 | 0 | 1189 |
| % | 44.66 | 55.34 | 0.00 | 100.00 |
| MEAN WEIGHT | 109.74 | 121.72 | 0.00 | 116.37 |
| % SAMP. WT. | 42.12 | 57.88 | 0.00 | 100.00 |

TABLE 11 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 24 - CLAYOQUOT SOUND

SAMPLE NUMBERS: 92, 87, 89,118, 95, 91,119

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 8/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 81 | 100 | 123 | 32 | 78 | 24 | 12 | 1 | 246 | 698 |
| % AT AGE | 0.00 | 0.22 | 17.92 | 22.12 | 27.21 | 7.08 | 17.26 | 5.31 | 2.65 | 0.22 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 172.00 | 185.46 | 199.59 | 205.54 | 216.72 | 218.86 | 226.58 | 223.83 | 235.00 | 211.72 | 207.57 |
| - STD. DEV. | 0.00 | 0.00 | 9.22 | 8.91 | 9.74 | 8.30 | 7.62 | 9.97 | 9.38 | 0.00 | 41.08 | 27.50 |
| WEIGHT - MEAN(gm) | 0.00 | 80.00 | 93.49 | 115.30 | 130.81 | 149.44 | 153.76 | 166.67 | 169.25 | 210.00 | 134.99 | 131.08 |
| - STD. DEV. | 0.00 | 0.00 | 15.87 | 18.74 | 20.95 | 21.44 | 21.15 | 19.98 | 26.87 | 0.00 | 33.99 | 31.87 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 1 | 0 | 414 | 222 | 61 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.14 | 0.00 | 59.31 | 31.81 | 8.74 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 316 | 15 | 332 |
| % | 0.30 | 95.18 | 4.52 | 100.00 |
| % SAMPLE WEIGHT | 0.07 | 26.39 | 0.13 | 26.59 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 366 | 332 | 0 | 698 |
| % | 52.44 | 47.56 | 0.00 | 100.00 |
| MEAN WEIGHT | 123.78 | 139.14 | 0.00 | 131.08 |
| % SAMP. WT. | 49.51 | 50.49 | 0.00 | 100.00 |

TABLE 11 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 27 - QUATSINO SOUND

SAMPLE NUMBERS: 96,116

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 7/82 - MAR 8/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 25 | 16 | 79 | 3 | 11 | 2 | 0 | 0 | 59 | 195 |
| % AT AGE | 0.00 | 0.00 | 18.38 | 11.76 | 58.09 | 2.21 | 8.09 | 1.47 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 187.24 | 197.06 | 203.27 | 209.00 | 213.36 | 218.00 | 0.00 | 0.00 | 194.69 | 198.92 |
| - STD. DEV. | 0.00 | 0.00 | 8.65 | 7.26 | 9.37 | 3.61 | 9.15 | 4.24 | 0.00 | 0.00 | 11.03 | 11.73 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 98.28 | 114.56 | 127.65 | 145.67 | 152.64 | 187.50 | 0.00 | 0.00 | 112.69 | 120.58 |
| - STD. DEV. | 0.00 | 0.00 | 14.03 | 14.51 | 18.70 | 22.01 | 25.72 | 12.02 | 0.00 | 0.00 | 22.73 | 24.41 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 121 | 73 | 1 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 62.05 | 37.44 | 0.51 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 101 | 0 | 101 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 28.88 | 0.00 | 28.88 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 94 | 101 | 0 | 195 |
| % | 48.21 | 51.79 | 0.00 | 100.00 |
| MEAN WEIGHT | 116.26 | 124.61 | 0.00 | 120.58 |
| % SAMP. WT. | 46.47 | 53.53 | 0.00 | 100.00 |

TABLE 12 SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 3 - RENNELL SOUND

SAMPLE NUMBERS: 297,250,340,285,316,223,317,308

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 22/82 - MAR 25/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 175 | 7 | 465 | 30 | 14 | 3 | 5 | 0 | 92 | 792 |
| % AT AGE | 0.00 | 0.14 | 25.00 | 1.00 | 66.43 | 4.29 | 2.00 | 0.43 | 0.71 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 175.00 | 194.83 | 202.14 | 213.07 | 224.23 | 234.21 | 237.67 | 246.80 | 0.00 | 204.23 | 208.97 |
| - STD. DEV. | 0.00 | 0.00 | 8.60 | 9.89 | 9.22 | 6.77 | 8.69 | 11.24 | 5.07 | 0.00 | 16.08 | 13.82 |
| WEIGHT - MEAN(gm) | 0.00 | 88.00 | 114.36 | 127.14 | 155.76 | 176.77 | 198.64 | 226.67 | 212.00 | 0.00 | 133.05 | 145.82 |
| - STD. DEV. | 0.00 | 0.00 | 19.39 | 16.78 | 23.19 | 17.20 | 16.62 | 27.74 | 13.64 | 0.00 | 34.79 | 31.61 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 1 | 0 | 549 | 242 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.13 | 0.00 | 69.32 | 30.56 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 352 | 0 | 353 |
| % | 0.28 | 99.72 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.12 | 28.75 | 0.00 | 28.86 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 439 | 353 | 0 | 792 |
| % | 55.43 | 44.57 | 0.00 | 100.00 |
| MEAN WEIGHT | 140.21 | 152.78 | 0.00 | 145.82 |
| % SAMP. WT. | 53.30 | 46.70 | 0.00 | 100.00 |

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 5 - ENGLEFIELD BAY

SAMPLE NUMBERS: 310,344,313,311,247,276

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 20/82 - MAR 21/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 267 | 11 | 132 | 20 | 17 | 11 | 1 | 0 | 140 | 599 |
| % AT AGE | 0.00 | 0.00 | 58.17 | 2.40 | 28.76 | 4.36 | 3.70 | 2.40 | 0.22 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 193.57 | 193.45 | 213.14 | 221.05 | 225.18 | 235.91 | 245.00 | 0.00 | 199.74 | 202.00 |
| - STD. DEV. | 0.00 | 0.00 | 8.41 | 10.49 | 9.69 | 8.45 | 8.78 | 8.71 | 0.00 | 0.00 | 18.13 | 15.79 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 111.68 | 121.64 | 152.78 | 181.50 | 179.88 | 217.09 | 200.00 | 0.00 | 127.91 | 131.06 |
| - STD. DEV. | 0.00 | 0.00 | 16.71 | 24.55 | 22.78 | 19.58 | 26.36 | 31.17 | 0.00 | 0.00 | 34.62 | 33.86 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 429 | 169 | 0 | 0 | 1 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 71.62 | 28.21 | 0.00 | 0.00 | 0.17 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 267 | 0 | 267 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 28.77 | 0.00 | 28.77 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 330 | 267 | 0 | 597 |
| % | 55.28 | 44.72 | 0.00 | 100.00 |
| MEAN WEIGHT | 123.19 | 140.89 | 0.00 | 131.11 |
| % SAMP. WT. | 51.94 | 48.06 | 0.00 | 100.00 |

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 24 - LASKEEK BAY

SAMPLE NUMBERS: 281,275,263,240,145,320,237,338,279,239, 343,274,331,238,284,144,305,265,287,224, 249,241

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 14/82 - MAR 22/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 30 | 43 | 1406 | 35 | 27 | 14 | 9 | 2 | 618 | 2185 |
| % AT AGE | 0.00 | 0.06 | 1.91 | 2.74 | 89.73 | 2.23 | 1.72 | 0.89 | 0.57 | 0.13 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 153.00 | 187.33 | 197.02 | 202.58 | 208.63 | 222.52 | 224.57 | 231.89 | 237.00 | 200.47 | 202.28 |
| - STD. DEV. | 0.00 | 0.00 | 10.15 | 8.06 | 8.48 | 7.41 | 10.66 | 8.42 | 8.91 | 12.73 | 12.05 | 10.59 |
| WEIGHT - MEAN(gm) | 0.00 | 58.00 | 97.47 | 118.16 | 126.88 | 140.14 | 164.41 | 171.64 | 187.89 | 202.00 | 127.42 | 127.71 |
| - STD. DEV. | 0.00 | 0.00 | 17.68 | 16.95 | 18.91 | 18.43 | 24.62 | 20.41 | 25.25 | 1.41 | 36.69 | 26.57 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 6 | 2 | 1530 | 624 | 22 | 0 | 1 |
| % AT STAGE | 0.00 | 0.00 | 0.27 | 0.09 | 70.02 | 28.56 | 1.01 | 0.00 | 0.05 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 2 | 1117 | 9 | 1128 |
| % | 0.18 | 99.02 | 0.80 | 100.00 |
| % SAMPLE WEIGHT | 0.04 | 27.16 | 0.03 | 27.23 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 1051 | 1128 | 5 | 2184 |
| % | 48.12 | 51.65 | 0.23 | 100.00 |
| MEAN WEIGHT | 121.34 | 133.84 | 87.00 | 127.72 |
| % SAMP. WT. | 45.72 | 54.13 | 0.16 | 100.00 |

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 201

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 14/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 2 | 4 | 63 | 0 | 0 | 0 | 2 | 0 | 29 | 100 |
| % AT AGE | 0.00 | 0.00 | 2.82 | 5.63 | 88.73 | 0.00 | 0.00 | 0.00 | 2.82 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 192.50 | 202.00 | 200.76 | 0.00 | 0.00 | 0.00 | 229.50 | 0.00 | 202.97 | 201.86 |
| - STD. DEV. | 0.00 | 0.00 | 12.02 | 6.00 | 8.32 | 0.00 | 0.00 | 0.00 | 4.95 | 0.00 | 8.93 | 9.33 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 98.00 | 114.50 | 117.76 | 0.00 | 0.00 | 0.00 | 172.50 | 0.00 | 118.72 | 118.61 |
| - STD. DEV. | 0.00 | 0.00 | 11.31 | 20.09 | 18.33 | 0.00 | 0.00 | 0.00 | 3.54 | 0.00 | 19.66 | 20.05 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 97 | 3 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 97.00 | 3.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 39 | 0 | 39 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 27.26 | 0.00 | 27.26 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 61 | 39 | 0 | 100 |
| % | 61.00 | 39.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 112.00 | 128.95 | 0.00 | 118.61 |
| % SAMP. WT. | 57.60 | 42.40 | 0.00 | 100.00 |

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 339,314,143,270,272,292

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 15/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 40 | 39 | 339 | 26 | 25 | 4 | 1 | 0 | 124 | 599 |
| % AT AGE | 0.00 | 0.21 | 8.42 | 8.21 | 71.37 | 5.47 | 5.26 | 0.84 | 0.21 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 156.00 | 184.60 | 194.67 | 203.12 | 204.35 | 213.68 | 220.50 | 226.00 | 0.00 | 202.36 | 201.75 |
| - STD. DEV. | 0.00 | 0.00 | 8.08 | 7.51 | 8.51 | 10.86 | 10.57 | 22.25 | 0.00 | 0.00 | 10.59 | 11.00 |
| WEIGHT - MEAN(gm) | 0.00 | 59.00 | 100.28 | 120.51 | 139.94 | 140.46 | 160.56 | 177.25 | 209.00 | 0.00 | 133.81 | 135.87 |
| - STD. DEV. | 0.00 | 0.00 | 15.53 | 16.99 | 19.62 | 21.44 | 25.34 | 46.94 | 0.00 | 0.00 | 23.66 | 24.29 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 403 | 194 | 2 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 67.28 | 32.39 | 0.33 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 319 | 0 | 319 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 28.03 | 0.00 | 28.03 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 280 | 319 | 0 | 599 |
| % | 46.74 | 53.26 | 0.00 | 100.00 |
| MEAN WEIGHT | 129.11 | 141.81 | 0.00 | 135.87 |
| % SAMP. WT. | 44.42 | 55.58 | 0.00 | 100.00 |

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 39, 46, 37, 45, 38, 43, 41, 42, 44,318, 40

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 7/82 - MAR 8/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 41 | 283 | 114 | 131 | 31 | 30 | 13 | 2 | 0 | 442 | 1087 |
| % AT AGE | 0.00 | 6.36 | 43.88 | 17.67 | 20.31 | 4.81 | 4.65 | 2.02 | 0.31 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 172.00 | 187.58 | 197.81 | 207.24 | 214.00 | 224.73 | 228.92 | 226.50 | 0.00 | 197.64 | 196.87 |
| - STD. DEV. | 0.00 | 7.90 | 10.12 | 10.52 | 8.41 | 10.31 | 7.75 | 8.74 | 4.95 | 0.00 | 16.71 | 16.45 |
| WEIGHT - MEAN(gm) | 0.00 | 69.63 | 95.27 | 113.45 | 130.99 | 146.19 | 170.43 | 175.38 | 173.50 | 0.00 | 115.72 | 113.46 |
| - STD. DEV. | 0.00 | 11.91 | 17.07 | 19.55 | 20.05 | 25.24 | 21.94 | 22.44 | 19.09 | 0.00 | 30.90 | 31.04 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 2 | 1 | 399 | 665 | 20 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.18 | 0.09 | 36.71 | 61.18 | 1.84 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 2 | 491 | 11 | 504 |
| % | 0.40 | 97.42 | 2.18 | 100.00 |
| % SAMPLE WEIGHT | 0.05 | 25.21 | 0.08 | 25.34 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 582 | 504 | 0 | 1086 |
| % | 53.59 | 46.41 | 0.00 | 100.00 |
| MEAN WEIGHT | 109.49 | 118.01 | 0.00 | 113.44 |
| % SAMP. WT. | 51.72 | 48.28 | 0.00 | 100.00 |

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 232 - MACOAH PASS

SAMPLE NUMBERS: 168,175,173,172,174,171,179,178,170,169, 177,147

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 16/82 - MAR 18/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 42 | 207 | 212 | 180 | 40 | 49 | 29 | 16 | 4 | 412 | 1191 |
| % AT AGE | 0.00 | 5.39 | 26.57 | 27.21 | 23.11 | 5.13 | 6.29 | 3.72 | 2.05 | 0.51 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 169.21 | 182.43 | 196.55 | 206.32 | 214.07 | 220.27 | 228.86 | 230.69 | 240.50 | 196.41 | 197.52 |
| - STD. DEV. | 0.00 | 8.05 | 10.86 | 10.50 | 8.96 | 10.78 | 9.61 | 9.02 | 12.95 | 11.68 | 18.50 | 18.44 |
| WEIGHT - MEAN(gm) | 0.00 | 72.38 | 90.41 | 112.29 | 131.73 | 146.00 | 156.06 | 171.31 | 177.75 | 188.25 | 114.68 | 116.35 |
| - STD. DEV. | 0.00 | 11.65 | 16.04 | 19.00 | 17.94 | 23.51 | 24.95 | 24.72 | 27.26 | 27.13 | 32.92 | 32.65 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 1 | 1 | 744 | 421 | 23 | 0 | 1 |
| % AT STAGE | 0.00 | 0.00 | 0.08 | 0.08 | 62.47 | 35.35 | 1.93 | 0.00 | 0.08 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 656 | 1 | 658 |
| % | 0.15 | 99.70 | 0.15 | 100.00 |
| % SAMPLE WEIGHT | 0.01 | 27.00 | 0.00 | 27.02 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 531 | 658 | 0 | 1189 |
| % | 44.66 | 55.34 | 0.00 | 100.00 |
| MEAN WEIGHT | 109.74 | 121.72 | 0.00 | 116.37 |
| % SAMP. WT. | 42.12 | 57.88 | 0.00 | 100.00 |

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 245 - MEARES ISLAND

SAMPLE NUMBERS: 91,119, 92, 87, 89,118, 95

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 8/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 81 | 100 | 123 | 32 | 78 | 24 | 12 | 1 | 246 | 698 |
| % AT AGE | 0.00 | 0.22 | 17.92 | 22.12 | 27.21 | 7.08 | 17.26 | 5.31 | 2.65 | 0.22 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 172.00 | 185.46 | 199.59 | 205.54 | 216.72 | 218.86 | 226.58 | 223.83 | 235.00 | 211.72 | 207.57 |
| - STD. DEV. | 0.00 | 0.00 | 9.22 | 8.91 | 9.74 | 8.30 | 7.62 | 9.97 | 9.38 | 0.00 | 41.08 | 27.50 |
| WEIGHT - MEAN(gm) | 0.00 | 80.00 | 93.49 | 115.30 | 130.81 | 149.44 | 153.76 | 166.67 | 169.25 | 210.00 | 134.99 | 131.08 |
| - STD. DEV. | 0.00 | 0.00 | 15.87 | 18.74 | 20.95 | 21.44 | 21.15 | 19.98 | 26.87 | 0.00 | 33.99 | 31.87 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 1 | 0 | 414 | 222 | 61 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.14 | 0.00 | 59.31 | 31.81 | 8.74 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 316 | 15 | 332 |
| % | 0.30 | 95.18 | 4.52 | 100.00 |
| % SAMPLE WEIGHT | 0.07 | 26.39 | 0.13 | 26.59 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 366 | 332 | 0 | 698 |
| % | 52.44 | 47.56 | 0.00 | 100.00 |
| MEAN WEIGHT | 123.78 | 139.14 | 0.00 | 131.08 |
| % SAMP. WT. | 49.51 | 50.49 | 0.00 | 100.00 |

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 273 - WINTER HARBOUR

SAMPLE NUMBERS: 116, 96

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 7/82 - MAR 8/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 25 | 16 | 79 | 3 | 11 | 2 | 0 | 0 | 59 | 195 |
| % AT AGE | 0.00 | 0.00 | 18.38 | 11.76 | 58.09 | 2.21 | 8.09 | 1.47 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 187.24 | 197.06 | 203.27 | 209.00 | 213.36 | 218.00 | 0.00 | 0.00 | 194.69 | 198.92 |
| - STD. DEV. | 0.00 | 0.00 | 8.65 | 7.26 | 9.37 | 3.61 | 9.15 | 4.24 | 0.00 | 0.00 | 11.03 | 11.73 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 98.28 | 114.56 | 127.65 | 145.67 | 152.64 | 187.50 | 0.00 | 0.00 | 112.69 | 120.58 |
| - STD. DEV. | 0.00 | 0.00 | 14.03 | 14.51 | 18.70 | 22.01 | 25.72 | 12.02 | 0.00 | 0.00 | 22.73 | 24.41 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 121 | 73 | 1 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 62.05 | 37.44 | 0.51 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 101 | 0 | 101 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 28.88 | 0.00 | 28.88 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 94 | 101 | 0 | 195 |
| % | 48.21 | 51.79 | 0.00 | 100.00 |
| MEAN WEIGHT | 116.26 | 124.61 | 0.00 | 120.58 |
| % SAMP. WT. | 46.47 | 53.53 | 0.00 | 100.00 |

TABLE 13 GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 2E - EAST COAST Q.C.I.

SAMPLE NUMBERS: 337,294,246,309,248,312,301,289

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 20/82 - MAR 22/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 1 | 18 | 464 | 18 | 14 | 6 | 4 | 1 | 274 | 800 |
| % AT AGE | 0.00 | 0.00 | 0.19 | 3.42 | 88.21 | 3.42 | 2.66 | 1.14 | 0.76 | 0.19 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 194.00 | 204.11 | 207.77 | 217.28 | 219.07 | 220.17 | 227.75 | 236.00 | 208.84 | 208.68 |
| - STD. DEV. | 0.00 | 0.00 | 0.00 | 4.99 | 7.82 | 9.88 | 8.72 | 14.87 | 15.61 | 0.00 | 9.35 | 8.95 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 120.00 | 128.83 | 140.69 | 154.83 | 163.64 | 164.50 | 164.00 | 189.00 | 141.46 | 141.74 |
| - STD. DEV. | 0.00 | 0.00 | 0.00 | 9.88 | 17.58 | 18.33 | 24.35 | 23.24 | 28.90 | 0.00 | 19.02 | 18.83 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 1 | 667 | 126 | 6 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.13 | 83.38 | 15.75 | 0.75 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 506 | 3 | 509 |
| % | 0.00 | 99.41 | 0.59 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 28.63 | 0.01 | 28.65 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 291 | 509 | 0 | 800 |
| % | 36.38 | 63.63 | 0.00 | 100.00 |
| MEAN WEIGHT | 132.85 | 146.82 | 0.00 | 141.74 |
| % SAMP. WT. | 34.09 | 65.91 | 0.00 | 100.00 |

TABLE 13 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 6 - BUTEDALE

SAMPLE NUMBERS: 283,288,341,335,277

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 21/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 3 | 7 | 217 | 13 | 25 | 20 | 7 | 1 | 207 | 500 |
| % AT AGE | 0.00 | 0.00 | 1.02 | 2.39 | 74.06 | 4.44 | 8.53 | 6.83 | 2.39 | 0.34 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 187.33 | 201.14 | 204.24 | 209.31 | 221.12 | 229.65 | 231.00 | 240.00 | 209.18 | 208.58 |
| - STD. DEV. | 0.00 | 0.00 | 4.62 | 7.86 | 7.19 | 5.31 | 8.72 | 7.36 | 6.68 | 0.00 | 13.60 | 12.37 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 108.67 | 138.43 | 139.36 | 146.85 | 159.96 | 179.20 | 176.00 | 176.00 | 146.04 | 145.33 |
| - STD. DEV. | 0.00 | 0.00 | 7.77 | 11.77 | 16.21 | 17.02 | 16.30 | 14.14 | 21.60 | 0.00 | 23.36 | 21.68 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 434 | 64 | 2 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 86.80 | 12.80 | 0.40 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 315 | 0 | 315 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 29.08 | 0.00 | 29.08 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 185 | 315 | 0 | 500 |
| % | 37.00 | 63.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 141.99 | 147.30 | 0.00 | 145.33 |
| % SAMP. WT. | 36.15 | 63.85 | 0.00 | 100.00 |

TABLE 13 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 7 - BELLA BELLA

SAMPLE NUMBERS: 332,199,304,290,196,278,295,268,293,307, 200,291,195,198,345,197

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 17/82 - MAR 22/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 29 | 72 | 799 | 76 | 54 | 11 | 3 | 0 | 552 | 1596 |
| % AT AGE | 0.00 | 0.00 | 2.78 | 6.90 | 76.53 | 7.28 | 5.17 | 1.05 | 0.29 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 193.41 | 199.81 | 203.30 | 207.54 | 209.04 | 216.18 | 222.67 | 0.00 | 205.56 | 204.27 |
| - STD. DEV. | 0.00 | 0.00 | 10.03 | 8.02 | 7.78 | 10.40 | 8.40 | 7.74 | 10.97 | 0.00 | 22.81 | 15.14 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 122.52 | 133.08 | 140.48 | 148.09 | 151.70 | 165.82 | 173.33 | 0.00 | 142.85 | 141.62 |
| - STD. DEV. | 0.00 | 0.00 | 25.88 | 18.48 | 16.17 | 20.66 | 17.76 | 23.98 | 17.10 | 0.00 | 17.59 | 17.94 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 1 | 0 | 1320 | 267 | 8 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.06 | 0.00 | 82.71 | 16.73 | 0.50 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 905 | 6 | 911 |
| % | 0.00 | 99.34 | 0.66 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 28.53 | 0.02 | 28.55 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 684 | 911 | 1 | 1596 |
| % | 42.86 | 57.08 | 0.06 | 100.00 |
| MEAN WEIGHT | 136.44 | 145.55 | 98.00 | 141.62 |
| % SAMP. WT. | 41.29 | 58.66 | 0.04 | 100.00 |

TABLE 13 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 14 - COMOX

SAMPLE NUMBERS: 28,315, 20, 22, 30, 31,282, 23, 24, 27, 25, 26, 21, 29, 19,286

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 5/82 - MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 37 | 128 | 237 | 123 | 173 | 118 | 14 | 3 | 735 | 1568 |
| % AT AGE | 0.00 | 0.00 | 4.44 | 15.37 | 28.45 | 14.77 | 20.77 | 14.17 | 1.68 | 0.36 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 204.78 | 207.98 | 214.06 | 221.15 | 225.65 | 229.03 | 233.21 | 239.00 | 216.91 | 217.86 |
| - STD. DEV. | 0.00 | 0.00 | 6.67 | 7.91 | 8.97 | 8.51 | 8.65 | 7.47 | 5.73 | 2.65 | 10.86 | 11.23 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 124.38 | 133.32 | 143.86 | 156.25 | 165.82 | 169.18 | 174.21 | 176.67 | 149.66 | 150.89 |
| - STD. DEV. | 0.00 | 0.00 | 13.10 | 12.35 | 16.82 | 20.03 | 20.99 | 19.98 | 18.92 | 32.15 | 20.29 | 21.77 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 1 | 380 | 1089 | 98 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.06 | 24.23 | 69.45 | 6.25 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 763 | 60 | 823 |
| % | 0.00 | 92.71 | 7.29 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 24.90 | 0.27 | 25.17 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 745 | 823 | 0 | 1568 |
| % | 47.51 | 52.49 | 0.00 | 100.00 |
| MEAN WEIGHT | 150.79 | 150.98 | 0.00 | 150.89 |
| % SAMP. WT. | 47.48 | 52.52 | 0.00 | 100.00 |

TABLE 13 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 24 - CLAYOQUOT SOUND

SAMPLE NUMBERS: 85, 93, 86, 83, 82, 88,280

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 8/82 - MAR 9/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 1 | 61 | 139 | 40 | 82 | 19 | 9 | 1 | 346 | 698 |
| % AT AGE | 0.00 | 0.00 | 0.28 | 17.33 | 39.49 | 11.36 | 23.30 | 5.40 | 2.56 | 0.28 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 174.00 | 206.87 | 211.30 | 217.73 | 221.35 | 226.79 | 233.22 | 232.00 | 213.93 | 214.45 |
| - STD. DEV. | 0.00 | 0.00 | 0.00 | 8.10 | 8.56 | 9.70 | 9.69 | 11.25 | 7.82 | 0.00 | 10.15 | 10.79 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 79.00 | 132.98 | 142.84 | 154.80 | 160.82 | 171.11 | 186.56 | 171.00 | 147.70 | 148.47 |
| - STD. DEV. | 0.00 | 0.00 | 0.00 | 15.83 | 16.96 | 18.25 | 22.58 | 24.65 | 26.38 | 0.00 | 21.01 | 22.06 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 3 | 0 | 449 | 231 | 15 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.43 | 0.00 | 64.33 | 33.09 | 2.15 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 356 | 7 | 364 |
| % | 0.27 | 97.80 | 1.92 | 100.00 |
| % SAMPLE WEIGHT | 0.08 | 26.49 | 0.06 | 26.62 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 333 | 364 | 0 | 697 |
| % | 47.78 | 52.22 | 0.00 | 100.00 |
| MEAN WEIGHT | 145.24 | 151.52 | 0.00 | 148.52 |
| % SAMP. WT. | 46.72 | 53.28 | 0.00 | 100.00 |

TABLE 13 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 25 - NOOTKA SOUND

SAMPLE NUMBERS: 97,117,296, 84,271, 94,120, 90,302

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 7/82 - MAR 8/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 4 | 42 | 235 | 61 | 152 | 16 | 1 | 0 | 388 | 899 |
| % AT AGE | 0.00 | 0.00 | 0.78 | 8.22 | 45.99 | 11.94 | 29.75 | 3.13 | 0.20 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 187.50 | 203.40 | 207.15 | 211.82 | 214.20 | 220.38 | 213.00 | 0.00 | 210.13 | 209.93 |
| - STD. DEV. | 0.00 | 0.00 | 6.61 | 7.05 | 6.28 | 7.26 | 7.16 | 6.04 | 0.00 | 0.00 | 30.75 | 21.09 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 96.50 | 126.00 | 130.62 | 138.15 | 142.66 | 145.31 | 124.00 | 0.00 | 136.39 | 135.54 |
| - STD. DEV. | 0.00 | 0.00 | 7.05 | 15.85 | 13.72 | 15.60 | 17.28 | 16.86 | 0.00 | 0.00 | 17.55 | 17.12 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 2 | 1 | 606 | 239 | 50 | 0 | 1 |
| % AT STAGE | 0.00 | 0.00 | 0.22 | 0.11 | 67.41 | 26.59 | 5.56 | 0.00 | 0.11 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 514 | 13 | 528 |
| % | 0.19 | 97.35 | 2.46 | 100.00 |
| % SAMPLE WEIGHT | 0.05 | 28.15 | 0.06 | 28.26 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 369 | 528 | 2 | 899 |
| % | 41.05 | 58.73 | 0.22 | 100.00 |
| MEAN WEIGHT | 131.08 | 138.74 | 112.50 | 135.54 |
| % SAMP. WT. | 39.70 | 60.12 | 0.18 | 100.00 |

TABLE 13 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 27 - QUATSINO SOUND

SAMPLE NUMBERS: 264,122

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 7/82 - MAR 9/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 1 | 7 | 60 | 10 | 28 | 3 | 0 | 0 | 90 | 199 |
| % AT AGE | 0.00 | 0.00 | 0.92 | 6.42 | 55.05 | 9.17 | 25.69 | 2.75 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 206.00 | 205.00 | 209.38 | 210.80 | 214.75 | 227.33 | 0.00 | 0.00 | 208.62 | 209.96 |
| - STD. DEV. | 0.00 | 0.00 | 0.00 | 6.27 | 7.72 | 7.36 | 11.82 | 9.45 | 0.00 | 0.00 | 6.63 | 8.42 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 160.00 | 140.86 | 144.75 | 146.90 | 148.39 | 164.67 | 0.00 | 0.00 | 145.76 | 146.07 |
| - STD. DEV. | 0.00 | 0.00 | 0.00 | 10.29 | 13.42 | 12.11 | 17.57 | 33.29 | 0.00 | 0.00 | 17.53 | 16.24 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 149 | 48 | 2 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 74.87 | 24.12 | 1.01 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 131 | 2 | 133 |
| % | 0.00 | 98.50 | 1.50 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 29.31 | 0.04 | 29.35 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 66 | 133 | 0 | 199 |
| % | 33.17 | 66.83 | 0.00 | 100.00 |
| MEAN WEIGHT | 144.35 | 146.92 | 0.00 | 146.07 |
| % SAMP. WT. | 32.78 | 67.22 | 0.00 | 100.00 |

TABLE 14 GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 337,294,246,309,248,312,301,289

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 20/82 - MAR 22/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 1 | 18 | 464 | 18 | 14 | 6 | 4 | 1 | 274 | 800 |
| % AT AGE | 0.00 | 0.00 | 0.19 | 3.42 | 88.21 | 3.42 | 2.66 | 1.14 | 0.76 | 0.19 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 194.00 | 204.11 | 207.77 | 217.28 | 219.07 | 220.17 | 227.75 | 236.00 | 208.84 | 208.68 |
| - STD. DEV. | 0.00 | 0.00 | 0.00 | 4.99 | 7.82 | 9.88 | 8.72 | 14.87 | 15.61 | 0.00 | 9.35 | 8.95 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 120.00 | 128.83 | 140.69 | 154.83 | 163.64 | 164.50 | 164.00 | 189.00 | 141.46 | 141.74 |
| - STD. DEV. | 0.00 | 0.00 | 0.00 | 9.88 | 17.58 | 18.33 | 24.35 | 23.24 | 28.90 | 0.00 | 19.02 | 18.83 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 1 | 667 | 126 | 6 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.13 | 83.38 | 15.75 | 0.75 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 506 | 3 | 509 |
| % | 0.00 | 99.41 | 0.59 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 28.63 | 0.01 | 28.65 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 291 | 509 | 0 | 800 |
| % | 36.38 | 63.63 | 0.00 | 100.00 |
| MEAN WEIGHT | 132.85 | 146.82 | 0.00 | 141.74 |
| % SAMP. WT. | 34.09 | 65.91 | 0.00 | 100.00 |

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 67 - KITASU BAY

SAMPLE NUMBERS: 283,288,341,335,277

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 21/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 3 | 7 | 217 | 13 | 25 | 20 | 7 | 1 | 207 | 500 |
| % AT AGE | 0.00 | 0.00 | 1.02 | 2.39 | 74.06 | 4.44 | 8.53 | 6.83 | 2.39 | 0.34 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 187.33 | 201.14 | 204.24 | 209.31 | 221.12 | 229.65 | 231.00 | 240.00 | 209.18 | 208.58 |
| - STD. DEV. | 0.00 | 0.00 | 4.62 | 7.86 | 7.19 | 5.31 | 8.72 | 7.36 | 6.68 | 0.00 | 13.60 | 12.37 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 108.67 | 138.43 | 139.36 | 146.85 | 159.96 | 179.20 | 176.00 | 176.00 | 146.04 | 145.33 |
| - STD. DEV. | 0.00 | 0.00 | 7.77 | 11.77 | 16.21 | 17.02 | 16.30 | 14.14 | 21.60 | 0.00 | 23.36 | 21.68 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 434 | 64 | 2 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 86.80 | 12.80 | 0.40 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 315 | 0 | 315 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 29.08 | 0.00 | 29.08 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 185 | 315 | 0 | 500 |
| % | 37.00 | 63.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 141.99 | 147.30 | 0.00 | 145.33 |
| % SAMP. WT. | 36.15 | 63.85 | 0.00 | 100.00 |

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 332,199,304,290,196,278,295,268,293,307, 200,291,195,198,345,197

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 17/82 - MAR 22/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 29 | 72 | 799 | 76 | 54 | 11 | 3 | 0 | 552 | 1596 |
| % AT AGE | 0.00 | 0.00 | 2.78 | 6.90 | 76.53 | 7.28 | 5.17 | 1.05 | 0.29 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 193.41 | 199.81 | 203.30 | 207.54 | 209.04 | 216.18 | 222.67 | 0.00 | 205.56 | 204.27 |
| - STD. DEV. | 0.00 | 0.00 | 10.03 | 8.02 | 7.78 | 10.40 | 8.40 | 7.74 | 10.97 | 0.00 | 22.81 | 15.14 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 122.52 | 133.08 | 140.48 | 148.09 | 151.70 | 165.82 | 173.33 | 0.00 | 142.85 | 141.62 |
| - STD. DEV. | 0.00 | 0.00 | 25.88 | 18.48 | 16.17 | 20.66 | 17.76 | 23.98 | 17.10 | 0.00 | 17.59 | 17.94 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 1 | 0 | 1320 | 267 | 8 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.06 | 0.00 | 82.71 | 16.73 | 0.50 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 905 | 6 | 911 |
| % | 0.00 | 99.34 | 0.66 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 28.53 | 0.02 | 28.55 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 684 | 911 | 1 | 1596 |
| % | 42.86 | 57.08 | 0.06 | 100.00 |
| MEAN WEIGHT | 136.44 | 145.55 | 98.00 | 141.62 |
| % SAMP. WT. | 41.29 | 58.66 | 0.04 | 100.00 |

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 315, 22,282, 23, 27, 25, 26, 29,286

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 5/82 - MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 23 | 74 | 136 | 79 | 94 | 63 | 6 | 2 | 393 | 870 |
| % AT AGE | 0.00 | 0.00 | 4.82 | 15.51 | 28.51 | 16.56 | 19.71 | 13.21 | 1.26 | 0.42 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 202.70 | 206.08 | 212.22 | 220.87 | 226.46 | 228.38 | 234.00 | 237.50 | 216.09 | 216.90 |
| - STD. DEV. | 0.00 | 0.00 | 6.88 | 7.39 | 9.41 | 8.42 | 8.68 | 7.40 | 7.13 | 0.71 | 11.60 | 11.91 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 122.30 | 132.20 | 142.23 | 155.28 | 166.15 | 168.08 | 179.50 | 195.00 | 149.46 | 150.14 |
| - STD. DEV. | 0.00 | 0.00 | 15.55 | 12.71 | 17.69 | 19.53 | 20.30 | 21.70 | 21.96 | 7.07 | 20.44 | 22.22 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 275 | 528 | 67 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 31.61 | 60.69 | 7.70 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 436 | 42 | 478 |
| % | 0.00 | 91.21 | 8.79 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 24.81 | 0.33 | 25.14 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 392 | 478 | 0 | 870 |
| % | 45.06 | 54.94 | 0.00 | 100.00 |
| MEAN WEIGHT | 150.05 | 150.21 | 0.00 | 150.14 |
| % SAMP. WT. | 45.03 | 54.97 | 0.00 | 100.00 |

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 143 - QUALICUM

SAMPLE NUMBERS: 19, 24, 31, 30, 28

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 5/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 6 | 34 | 69 | 36 | 58 | 45 | 7 | 1 | 243 | 499 |
| % AT AGE | 0.00 | 0.00 | 2.34 | 13.28 | 26.95 | 14.06 | 22.66 | 17.58 | 2.73 | 0.39 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 205.67 | 208.18 | 214.62 | 220.92 | 223.19 | 228.87 | 231.43 | 242.00 | 217.68 | 218.59 |
| - STD. DEV. | 0.00 | 0.00 | 3.14 | 7.31 | 7.17 | 8.25 | 8.61 | 7.12 | 3.78 | 0.00 | 10.02 | 10.26 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 128.83 | 132.18 | 144.29 | 159.64 | 166.12 | 169.18 | 169.57 | 140.00 | 151.53 | 153.04 |
| - STD. DEV. | 0.00 | 0.00 | 2.71 | 10.15 | 15.77 | 21.22 | 21.88 | 19.17 | 17.90 | 0.00 | 19.79 | 21.29 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 103 | 371 | 25 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 20.64 | 74.35 | 5.01 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 233 | 12 | 245 |
| % | 0.00 | 95.10 | 4.90 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 25.79 | 0.20 | 25.99 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 254 | 245 | 0 | 499 |
| % | 50.90 | 49.10 | 0.00 | 100.00 |
| MEAN WEIGHT | 151.75 | 154.38 | 0.00 | 153.04 |
| % SAMP. WT. | 50.47 | 49.53 | 0.00 | 100.00 |

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 144 - FRENCH CREEK
SAMPLE NUMBERS: 20, 21
SOURCE: ROE FISHERY
GEAR: GILLNET
DATE: MAR 5/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 8 | 20 | 32 | 8 | 21 | 10 | 1 | 0 | 99 | 199 |
| % AT AGE | 0.00 | 0.00 | 8.00 | 20.00 | 32.00 | 8.00 | 21.00 | 10.00 | 1.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 210.13 | 214.65 | 220.69 | 224.88 | 228.81 | 233.90 | 241.00 | 0.00 | 218.27 | 220.25 |
| - STD. DEV. | 0.00 | 0.00 | 5.03 | 7.34 | 7.28 | 10.75 | 7.12 | 8.46 | 0.00 | 0.00 | 9.44 | 10.02 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 127.00 | 139.40 | 149.84 | 150.63 | 163.48 | 176.10 | 175.00 | 0.00 | 145.82 | 148.79 |
| - STD. DEV. | 0.00 | 0.00 | 8.86 | 13.16 | 13.98 | 19.76 | 22.42 | 9.16 | 0.00 | 0.00 | 20.53 | 20.59 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 1 | 2 | 190 | 6 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.50 | 1.01 | 95.48 | 3.02 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 94 | 6 | 100 |
| % | 0.00 | 94.00 | 6.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 23.05 | 0.14 | 23.19 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 99 | 100 | 0 | 199 |
| % | 49.75 | 50.25 | 0.00 | 100.00 |
| MEAN WEIGHT | 151.23 | 146.37 | 0.00 | 148.79 |
| % SAMP. WT. | 50.57 | 49.43 | 0.00 | 100.00 |

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 245 - MEARES ISLAND

SAMPLE NUMBERS: 86, 85, 93, 88,280, 82, 83

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 8/82 - MAR 9/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 1 | 61 | 139 | 40 | 82 | 19 | 9 | 1 | 346 | 698 |
| % AT AGE | 0.00 | 0.00 | 0.28 | 17.33 | 39.49 | 11.36 | 23.30 | 5.40 | 2.56 | 0.28 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 174.00 | 206.87 | 211.30 | 217.73 | 221.35 | 226.79 | 233.22 | 232.00 | 213.93 | 214.45 |
| - STD. DEV. | 0.00 | 0.00 | 0.00 | 8.10 | 8.56 | 9.70 | 9.69 | 11.25 | 7.82 | 0.00 | 10.15 | 10.79 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 79.00 | 132.98 | 142.84 | 154.80 | 160.82 | 171.11 | 186.56 | 171.00 | 147.70 | 148.47 |
| - STD. DEV. | 0.00 | 0.00 | 0.00 | 15.83 | 16.96 | 18.25 | 22.58 | 24.65 | 26.38 | 0.00 | 21.01 | 22.06 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 3 | 0 | 449 | 231 | 15 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.43 | 0.00 | 64.33 | 33.09 | 2.15 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 356 | 7 | 364 |
| % | 0.27 | 97.80 | 1.92 | 100.00 |
| % SAMPLE WEIGHT | 0.08 | 26.49 | 0.06 | 26.62 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 333 | 364 | 0 | 697 |
| % | 47.78 | 52.22 | 0.00 | 100.00 |
| MEAN WEIGHT | 145.24 | 151.52 | 0.00 | 148.52 |
| % SAMP. WT. | 46.72 | 53.28 | 0.00 | 100.00 |

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 253 - NUCHATLITZ INLET
SAMPLE NUMBERS: 296, 84,117, 97,120, 90,271, 94,302
SOURCE: ROE FISHERY
GEAR: GILLNET
DATE: MAR 7/82 - MAR 8/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 4 | 42 | 235 | 61 | 152 | 16 | 1 | 0 | 388 | 899 |
| % AT AGE | 0.00 | 0.00 | 0.78 | 8.22 | 45.99 | 11.94 | 29.75 | 3.13 | 0.20 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 187.50 | 203.40 | 207.15 | 211.82 | 214.20 | 220.38 | 213.00 | 0.00 | 210.13 | 209.93 |
| - STD. DEV. | 0.00 | 0.00 | 6.61 | 7.05 | 6.28 | 7.26 | 7.16 | 6.04 | 0.00 | 0.00 | 30.75 | 21.09 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 96.50 | 126.00 | 130.62 | 138.15 | 142.66 | 145.31 | 124.00 | 0.00 | 136.39 | 135.54 |
| - STD. DEV. | 0.00 | 0.00 | 7.05 | 15.85 | 13.72 | 15.60 | 17.28 | 16.86 | 0.00 | 0.00 | 17.55 | 17.12 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 2 | 1 | 606 | 239 | 50 | 0 | 1 |
| % AT STAGE | 0.00 | 0.00 | 0.22 | 0.11 | 67.41 | 26.59 | 5.56 | 0.00 | 0.11 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 514 | 13 | 528 |
| % | 0.19 | 97.35 | 2.46 | 100.00 |
| % SAMPLE WEIGHT | 0.05 | 28.15 | 0.06 | 28.26 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 369 | 528 | 2 | 899 |
| % | 41.05 | 58.73 | 0.22 | 100.00 |
| MEAN WEIGHT | 131.08 | 138.74 | 112.50 | 135.54 |
| % SAMP. WT. | 39.70 | 60.12 | 0.18 | 100.00 |

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 273 - WINTER HARBOUR

SAMPLE NUMBERS: 122,264

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 7/82 - MAR 9/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 1 | 7 | 60 | 10 | 28 | 3 | 0 | 0 | 90 | 199 |
| % AT AGE | 0.00 | 0.00 | 0.92 | 6.42 | 55.05 | 9.17 | 25.69 | 2.75 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 206.00 | 205.00 | 209.38 | 210.80 | 214.75 | 227.33 | 0.00 | 0.00 | 208.62 | 209.96 |
| - STD. DEV. | 0.00 | 0.00 | 0.00 | 6.27 | 7.72 | 7.36 | 11.82 | 9.45 | 0.00 | 0.00 | 6.63 | 8.42 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 160.00 | 140.86 | 144.75 | 146.90 | 148.39 | 164.67 | 0.00 | 0.00 | 145.76 | 146.07 |
| - STD. DEV. | 0.00 | 0.00 | 0.00 | 10.29 | 13.42 | 12.11 | 17.57 | 33.29 | 0.00 | 0.00 | 17.53 | 16.24 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 149 | 48 | 2 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 74.87 | 24.12 | 1.01 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 131 | 2 | 133 |
| % | 0.00 | 98.50 | 1.50 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 29.31 | 0.04 | 29.35 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 66 | 133 | 0 | 199 |
| % | 33.17 | 66.83 | 0.00 | 100.00 |
| MEAN WEIGHT | 144.35 | 146.92 | 0.00 | 146.07 |
| % SAMP. WT. | 32.78 | 67.22 | 0.00 | 100.00 |

TABLE 15 SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 1 - OTHER AREA 2W

SAMPLE NUMBERS: 326

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 18/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 30 | 8 | 1 | 27 | 5 | 1 | 0 | 0 | 0 | 26 | 98 |
| % AT AGE | 0.00 | 41.67 | 11.11 | 1.39 | 37.50 | 6.94 | 1.39 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 164.73 | 188.13 | 183.00 | 214.96 | 227.80 | 221.00 | 0.00 | 0.00 | 0.00 | 191.00 | 191.43 |
| - STD. DEV. | 0.00 | 5.23 | 5.62 | 0.00 | 10.36 | 10.47 | 0.00 | 0.00 | 0.00 | 0.00 | 25.59 | 25.81 |
| WEIGHT - MEAN(gm) | 0.00 | 65.00 | 98.00 | 92.00 | 157.81 | 204.60 | 171.00 | 0.00 | 0.00 | 0.00 | 113.81 | 114.69 |
| - STD. DEV. | 0.00 | 6.90 | 8.55 | 0.00 | 32.66 | 24.63 | 0.00 | 0.00 | 0.00 | 0.00 | 47.69 | 51.73 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 85 | 13 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 86.73 | 13.27 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 65 | 0 | 65 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 27.40 | 0.00 | 27.40 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 33 | 65 | 0 | 98 |
| % | 33.67 | 66.33 | 0.00 | 100.00 |
| MEAN WEIGHT | 98.09 | 123.12 | 0.00 | 114.69 |
| % SAMP. WT. | 28.80 | 71.20 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 3 - RENNELL SOUND

SAMPLE NUMBERS: 340,308,262,261,260,317,316,223,250,285, 297,259

SOURCE: ROE FISHERY
PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 21/82 - MAR 25/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 259 | 7 | 696 | 42 | 19 | 5 | 5 | 0 | 155 | 1189 |
| % AT AGE | 0.00 | 0.10 | 25.05 | 0.68 | 67.31 | 4.06 | 1.84 | 0.48 | 0.48 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 175.00 | 194.41 | 202.14 | 212.84 | 224.12 | 234.11 | 237.00 | 246.80 | 0.00 | 204.83 | 206.67 |
| - STD. DEV. | 0.00 | 0.00 | 9.18 | 9.89 | 9.32 | 7.99 | 9.48 | 10.68 | 5.07 | 0.00 | 16.59 | 13.97 |
| WEIGHT - MEAN(gm) | 0.00 | 88.00 | 114.25 | 127.14 | 156.20 | 178.52 | 198.00 | 221.20 | 212.00 | 0.00 | 135.46 | 146.10 |
| - STD. DEV. | 0.00 | 0.00 | 20.45 | 16.78 | 23.64 | 19.84 | 19.79 | 23.85 | 13.64 | 0.00 | 35.92 | 32.12 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 1 | 0 | 854 | 334 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.08 | 0.00 | 71.83 | 28.09 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 556 | 0 | 557 |
| % | 0.18 | 99.82 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.07 | 29.27 | 0.00 | 29.34 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 631 | 557 | 0 | 1188 |
| % | 53.11 | 46.89 | 0.00 | 100.00 |
| MEAN WEIGHT | 139.03 | 154.15 | 0.00 | 146.12 |
| % SAMP. WT. | 50.54 | 49.46 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 5 - ENGLEFIELD BAY

SAMPLE NUMBERS: 247,325,324

SOURCE: ROE FISHERY
PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 19/82 - MAR 20/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 159 | 6 | 57 | 5 | 5 | 5 | 1 | 1 | 59 | 298 |
| % AT AGE | 0.00 | 0.00 | 66.53 | 2.51 | 23.85 | 2.09 | 2.09 | 2.09 | 0.42 | 0.42 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 195.82 | 195.83 | 213.16 | 226.60 | 223.60 | 231.80 | 245.00 | 234.00 | 200.20 | 201.89 |
| - STD. DEV. | 0.00 | 0.00 | 11.79 | 5.91 | 8.39 | 10.45 | 6.99 | 12.28 | 0.00 | 0.00 | 15.65 | 15.11 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 114.98 | 127.00 | 154.72 | 188.00 | 162.20 | 209.80 | 200.00 | 222.00 | 124.53 | 128.97 |
| - STD. DEV. | 0.00 | 0.00 | 17.07 | 28.26 | 24.99 | 37.80 | 22.05 | 45.49 | 0.00 | 0.00 | 34.04 | 32.18 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 182 | 115 | 0 | 0 | 1 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 61.07 | 38.59 | 0.00 | 0.00 | 0.34 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 152 | 0 | 152 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 28.17 | 0.00 | 28.17 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 146 | 152 | 0 | 298 |
| % | 48.99 | 51.01 | 0.00 | 100.00 |
| MEAN WEIGHT | 121.76 | 135.89 | 0.00 | 128.97 |
| % SAMP. WT. | 46.26 | 53.74 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 5 - ENGLEFIELD BAY

SAMPLE NUMBERS: 310,311,313,344,276

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 21/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 222 | 11 | 107 | 19 | 12 | 10 | 0 | 0 | 118 | 499 |
| % AT AGE | 0.00 | 0.00 | 58.27 | 2.89 | 28.08 | 4.99 | 3.15 | 2.62 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 192.54 | 193.45 | 212.85 | 220.32 | 225.83 | 234.80 | 0.00 | 0.00 | 198.74 | 201.07 |
| - STD. DEV. | 0.00 | 0.00 | 8.05 | 10.49 | 9.83 | 8.00 | 9.63 | 8.32 | 0.00 | 0.00 | 17.86 | 15.77 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 111.26 | 121.64 | 153.75 | 180.05 | 187.25 | 213.50 | 0.00 | 0.00 | 127.69 | 130.98 |
| - STD. DEV. | 0.00 | 0.00 | 16.48 | 24.55 | 22.33 | 18.98 | 25.15 | 30.36 | 0.00 | 0.00 | 33.78 | 33.83 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 395 | 104 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 79.16 | 20.84 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 231 | 0 | 231 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 28.58 | 0.00 | 28.58 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 266 | 231 | 0 | 497 |
| % | 53.52 | 46.48 | 0.00 | 100.00 |
| MEAN WEIGHT | 123.77 | 139.40 | 0.00 | 131.03 |
| % SAMP. WT. | 50.55 | 49.45 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 6 - LOUSCOONE INLET

SAMPLE NUMBERS: 138,139,140

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 9/82 - MAR 13/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 7 | 10 | 15 | 155 | 8 | 9 | 2 | 3 | 2 | 87 | 298 |
| % AT AGE | 0.00 | 3.32 | 4.74 | 7.11 | 73.46 | 3.79 | 4.27 | 0.95 | 1.42 | 0.95 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 170.57 | 197.00 | 205.67 | 210.57 | 214.25 | 225.56 | 231.50 | 243.00 | 254.00 | 212.91 | 210.92 |
| - STD. DEV. | 0.00 | 3.41 | 7.30 | 9.01 | 8.05 | 11.61 | 5.20 | 12.02 | 4.58 | 9.90 | 14.39 | 13.57 |
| WEIGHT - MEAN(gm) | 0.00 | 67.86 | 107.40 | 116.20 | 131.04 | 133.75 | 152.67 | 165.50 | 198.33 | 196.50 | 129.60 | 129.67 |
| - STD. DEV. | 0.00 | 4.53 | 15.22 | 22.07 | 19.45 | 11.90 | 22.05 | 16.26 | 33.26 | 24.75 | 29.18 | 26.83 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 20 | 165 | 113 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 6.71 | 55.37 | 37.92 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 111 | 22 | 133 |
| % | 0.00 | 83.46 | 16.54 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 18.81 | 0.51 | 19.32 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 165 | 133 | 0 | 298 |
| % | 55.37 | 44.63 | 0.00 | 100.00 |
| MEAN WEIGHT | 122.64 | 138.38 | 0.00 | 129.67 |
| % SAMP. WT. | 52.37 | 47.63 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 6 - LOUSCOONE INLET

SAMPLE NUMBERS: 142,141

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 14/82 - MAR 15/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 4 | 10 | 24 | 122 | 9 | 3 | 2 | 0 | 0 | 25 | 199 |
| % AT AGE | 0.00 | 2.30 | 5.75 | 13.79 | 70.11 | 5.17 | 1.72 | 1.15 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 169.00 | 193.20 | 207.04 | 212.91 | 220.78 | 243.33 | 235.50 | 0.00 | 0.00 | 217.28 | 211.92 |
| - STD. DEV. | 0.00 | 6.00 | 6.44 | 10.19 | 8.35 | 14.10 | 7.37 | 4.95 | 0.00 | 0.00 | 16.83 | 13.65 |
| WEIGHT - MEAN(gm) | 0.00 | 67.50 | 97.10 | 120.42 | 130.03 | 149.67 | 181.67 | 170.00 | 0.00 | 0.00 | 147.28 | 129.89 |
| - STD. DEV. | 0.00 | 1.29 | 13.12 | 18.03 | 18.11 | 27.93 | 13.32 | 9.90 | 0.00 | 0.00 | 36.48 | 25.93 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 10 | 0 | 31 | 84 | 74 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 5.03 | 0.00 | 15.58 | 42.21 | 37.19 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 65 | 14 | 79 |
| % | 0.00 | 82.28 | 17.72 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 20.66 | 0.53 | 21.19 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 110 | 79 | 10 | 199 |
| % | 55.28 | 39.70 | 5.03 | 100.00 |
| MEAN WEIGHT | 128.45 | 133.15 | 120.10 | 129.89 |
| % SAMP. WT. | 54.66 | 40.69 | 4.65 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 11 - OTHER AREA 1

SAMPLE NUMBERS: 85, 81, 23,108, 25, 64

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 16/81 - NOV 20/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 51 | 33 | 305 | 23 | 14 | 7 | 3 | 7 | 149 | 592 |
| % AT AGE | 0.00 | 0.00 | 11.51 | 7.45 | 68.85 | 5.19 | 3.16 | 1.58 | 0.68 | 1.58 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 185.27 | 204.00 | 212.89 | 223.65 | 237.79 | 249.14 | 259.00 | 255.00 | 202.48 | 209.56 |
| - STD. DEV. | 0.00 | 0.00 | 9.13 | 13.17 | 8.78 | 8.15 | 9.85 | 13.90 | 4.00 | 10.92 | 21.83 | 18.34 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 105.16 | 145.36 | 167.79 | 188.17 | 222.57 | 239.29 | 266.33 | 257.14 | 142.79 | 159.34 |
| - STD. DEV. | 0.00 | 0.00 | 17.57 | 28.42 | 22.41 | 20.20 | 24.10 | 25.51 | 21.13 | 24.94 | 43.70 | 39.92 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 6 | 84 | 343 | 146 | 13 | 0 | 0 | 0 | 0 |
| % AT STAGE | 1.01 | 14.19 | 57.94 | 24.66 | 2.20 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 294 | 0 | 0 | 294 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 298 | 294 | 0 | 592 |
| % | 50.34 | 49.66 | 0.00 | 100.00 |
| MEAN WEIGHT | 157.20 | 161.50 | 0.00 | 159.34 |
| % SAMP. WT. | 49.66 | 50.34 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 11 - OTHER AREA 1

SAMPLE NUMBERS: 97, 30, 72, 98, 67, 82, 90, 86, 96

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 22/81 - NOV 27/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 29 | 53 | 476 | 32 | 11 | 12 | 3 | 4 | 276 | 897 |
| % AT AGE | 0.00 | 0.16 | 4.67 | 8.53 | 76.65 | 5.15 | 1.77 | 1.93 | 0.48 | 0.64 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 145.00 | 193.76 | 205.62 | 213.97 | 224.84 | 241.73 | 242.08 | 258.00 | 256.75 | 212.58 | 213.76 |
| - STD. DEV. | 0.00 | 0.00 | 8.71 | 7.88 | 8.29 | 13.89 | 14.99 | 15.28 | 3.46 | 2.36 | 15.28 | 13.72 |
| WEIGHT - MEAN(gm) | 0.00 | 42.00 | 122.69 | 150.72 | 172.91 | 189.50 | 222.18 | 217.50 | 268.67 | 255.50 | 165.80 | 170.12 |
| - STD. DEV. | 0.00 | 0.00 | 21.13 | 19.76 | 20.39 | 31.06 | 36.12 | 39.93 | 1.53 | 14.25 | 34.99 | 31.08 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 2 | 118 | 403 | 346 | 28 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.22 | 13.15 | 44.93 | 38.57 | 3.12 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 468 | 0 | 0 | 468 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 429 | 468 | 0 | 897 |
| % | 47.83 | 52.17 | 0.00 | 100.00 |
| MEAN WEIGHT | 168.83 | 171.31 | 0.00 | 170.12 |
| % SAMP. WT. | 47.46 | 52.54 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 22 - SKIDEGATE INLET

SAMPLE NUMBERS: 269

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 20/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 33 | 9 | 48 | 0 | 1 | 0 | 0 | 0 | 9 | 100 |
| % AT AGE | 0.00 | 0.00 | 36.26 | 9.89 | 52.75 | 0.00 | 1.10 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 173.18 | 188.33 | 193.52 | 0.00 | 227.00 | 0.00 | 0.00 | 0.00 | 182.11 | 185.65 |
| - STD. DEV. | 0.00 | 0.00 | 8.06 | 4.66 | 8.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.99 | 12.80 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 76.97 | 97.67 | 109.90 | 0.00 | 162.00 | 0.00 | 0.00 | 0.00 | 92.00 | 96.84 |
| - STD. DEV. | 0.00 | 0.00 | 11.78 | 12.85 | 15.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.82 | 21.42 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 71 | 29 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 71.00 | 29.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 50 | 0 | 50 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 24.11 | 0.00 | 24.11 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 50 | 50 | 0 | 100 |
| % | 50.00 | 50.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 89.58 | 104.10 | 0.00 | 96.84 |
| % SAMP. WT. | 46.25 | 53.75 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 22 - SKIDEGATE INLET

SAMPLE NUMBERS: 258

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 40 DATE: MAR 28/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 50 |
| % AT AGE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 92.86 | 92.86 |
| - STD. DEV. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.33 | 7.33 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.70 | 9.70 |
| - STD. DEV. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.38 | 2.38 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 0 | 0 | 0 |
| % | 0.00 | 0.00 | 0.00 | 0.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 0 | 0 | 0 |
| % | 0.00 | 0.00 | 0.00 | 0.00 |
| MEAN WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |
| % SAMP. WT. | 0.00 | 0.00 | 0.00 | 0.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 23 - CUMSHEWA INLET

SAMPLE NUMBERS: 252

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 27/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 10 | 3 | 65 | 4 | 1 | 1 | 3 | 0 | 13 | 100 |
| % AT AGE | 0.00 | 0.00 | 11.49 | 3.45 | 74.71 | 4.60 | 1.15 | 1.15 | 3.45 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 193.80 | 203.33 | 207.35 | 219.00 | 236.00 | 246.00 | 246.33 | 0.00 | 213.23 | 208.95 |
| - STD. DEV. | 0.00 | 0.00 | 5.20 | 11.06 | 9.90 | 6.93 | 0.00 | 0.00 | 15.53 | 0.00 | 18.34 | 14.54 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 105.20 | 118.00 | 135.05 | 157.50 | 186.00 | 198.00 | 211.00 | 0.00 | 149.31 | 137.72 |
| - STD. DEV. | 0.00 | 0.00 | 9.04 | 11.27 | 20.17 | 5.80 | 0.00 | 0.00 | 21.93 | 0.00 | 47.43 | 30.60 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 94 | 6 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 94.00 | 6.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 33 | 0 | 33 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 25.74 | 0.00 | 25.74 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 67 | 33 | 0 | 100 |
| % | 67.00 | 33.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 135.28 | 142.67 | 0.00 | 137.72 |
| % SAMP. WT. | 65.81 | 34.19 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 23 - CUMSHEWA INLET

SAMPLE NUMBERS: 349

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 40 DATE: MAR 30/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 12 | 8 | 60 | 4 | 5 | 3 | 0 | 0 | 8 | 100 |
| % AT AGE | 0.00 | 0.00 | 13.04 | 8.70 | 65.22 | 4.35 | 5.43 | 3.26 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 187.58 | 200.88 | 204.23 | 216.00 | 227.40 | 233.67 | 0.00 | 0.00 | 209.13 | 204.87 |
| - STD. DEV. | 0.00 | 0.00 | 11.11 | 9.29 | 8.72 | 12.78 | 4.93 | 2.08 | 0.00 | 0.00 | 19.76 | 13.88 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 104.42 | 134.00 | 138.75 | 161.00 | 187.20 | 207.33 | 0.00 | 0.00 | 139.13 | 139.65 |
| - STD. DEV. | 0.00 | 0.00 | 15.59 | 21.58 | 21.07 | 34.69 | 30.19 | 20.50 | 0.00 | 0.00 | 42.48 | 30.97 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 95 | 5 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 95.00 | 5.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 46 | 0 | 46 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 28.43 | 0.00 | 28.43 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 54 | 46 | 0 | 100 |
| % | 54.00 | 46.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 134.67 | 145.50 | 0.00 | 139.65 |
| % SAMP. WT. | 52.07 | 47.93 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 24 - LASKEEK BAY

SAMPLE NUMBERS: 350,127,126

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 8/82 - MAR 13/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 7 | 6 | 204 | 12 | 4 | 3 | 1 | 0 | 61 | 299 |
| % AT AGE | 0.00 | 0.42 | 2.94 | 2.52 | 85.71 | 5.04 | 1.68 | 1.26 | 0.42 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 157.00 | 188.00 | 201.00 | 203.11 | 209.08 | 222.00 | 229.00 | 233.00 | 0.00 | 205.25 | 203.85 |
| - STD. DEV. | 0.00 | 0.00 | 13.74 | 13.59 | 9.02 | 11.95 | 4.24 | 8.54 | 0.00 | 0.00 | 8.65 | 10.60 |
| WEIGHT - MEAN(gm) | 0.00 | 54.00 | 104.71 | 132.00 | 130.22 | 138.00 | 170.50 | 155.00 | 187.00 | 0.00 | 130.05 | 130.66 |
| - STD. DEV. | 0.00 | 0.00 | 18.02 | 20.37 | 15.81 | 24.80 | 32.92 | 9.85 | 0.00 | 0.00 | 22.63 | 19.93 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 37 | 260 | 2 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 12.37 | 86.96 | 0.67 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 121 | 0 | 121 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 23.67 | 0.00 | 23.67 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 178 | 121 | 0 | 299 |
| % | 59.53 | 40.47 | 0.00 | 100.00 |
| MEAN WEIGHT | 128.27 | 134.17 | 0.00 | 130.66 |
| % SAMP. WT. | 58.44 | 41.56 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 24 - LASKEEK BAY

SAMPLE NUMBERS: 279,192,343,275,274,181,144,263,284,193, 180,305,145,338,265,331,194,137

SOURCE: ROE FISHERY
PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 14/82 - MAR 20/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 6 | 47 | 53 | 1346 | 31 | 19 | 16 | 8 | 1 | 266 | 1793 |
| % AT AGE | 0.00 | 0.39 | 3.08 | 3.47 | 88.15 | 2.03 | 1.24 | 1.05 | 0.52 | 0.07 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 165.00 | 189.89 | 198.26 | 203.51 | 207.68 | 221.37 | 224.44 | 231.50 | 246.00 | 203.87 | 203.52 |
| - STD. DEV. | 0.00 | 8.72 | 9.54 | 7.78 | 8.53 | 8.80 | 12.08 | 9.52 | 9.44 | 0.00 | 11.23 | 10.21 |
| WEIGHT - MEAN(gm) | 0.00 | 66.17 | 105.23 | 119.72 | 128.29 | 136.74 | 162.11 | 171.50 | 183.13 | 201.00 | 129.56 | 128.59 |
| - STD. DEV. | 0.00 | 10.85 | 13.52 | 15.41 | 18.20 | 16.41 | 25.97 | 24.57 | 22.25 | 0.00 | 20.49 | 20.41 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 4 | 1111 | 672 | 5 | 0 | 1 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.22 | 61.96 | 37.48 | 0.28 | 0.00 | 0.06 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 855 | 3 | 859 |
| % | 0.12 | 99.53 | 0.35 | 100.00 |
| % SAMPLE WEIGHT | 0.02 | 26.74 | 0.02 | 26.78 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 932 | 859 | 0 | 1791 |
| % | 52.04 | 47.96 | 0.00 | 100.00 |
| MEAN WEIGHT | 123.07 | 134.57 | 0.00 | 128.58 |
| % SAMP. WT. | 49.81 | 50.19 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 24 - LASKEEK BAY

SAMPLE NUMBERS: 249,239,281,224,251,256,241,240,320,255, 254,287,238,253,237

SOURCE: ROE FISHERY
PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 21/82 - MAR 25/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 11 | 57 | 36 | 789 | 14 | 13 | 6 | 1 | 1 | 515 | 1443 |
| % AT AGE | 0.00 | 1.19 | 6.14 | 3.88 | 85.02 | 1.51 | 1.40 | 0.65 | 0.11 | 0.11 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 155.73 | 184.75 | 195.64 | 201.12 | 208.21 | 223.31 | 225.83 | 235.00 | 228.00 | 199.30 | 199.75 |
| - STD. DEV. | 0.00 | 6.05 | 9.74 | 8.47 | 7.83 | 7.77 | 8.47 | 3.31 | 0.00 | 0.00 | 12.78 | 11.56 |
| WEIGHT - MEAN(gm) | 0.00 | 58.55 | 98.91 | 116.17 | 127.21 | 145.14 | 169.46 | 174.33 | 226.00 | 203.00 | 127.48 | 126.26 |
| - STD. DEV. | 0.00 | 6.88 | 19.03 | 18.87 | 19.98 | 21.77 | 23.78 | 17.69 | 0.00 | 0.00 | 40.80 | 30.88 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 6 | 2 | 1063 | 352 | 19 | 0 | 1 |
| % AT STAGE | 0.00 | 0.00 | 0.42 | 0.14 | 73.67 | 24.39 | 1.32 | 0.00 | 0.07 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 2 | 828 | 7 | 837 |
| % | 0.24 | 98.92 | 0.84 | 100.00 |
| % SAMPLE WEIGHT | 0.05 | 26.77 | 0.03 | 26.86 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 600 | 837 | 5 | 1442 |
| % | 41.61 | 58.04 | 0.35 | 100.00 |
| MEAN WEIGHT | 117.96 | 132.47 | 87.00 | 126.28 |
| % SAMP. WT. | 38.87 | 60.89 | 0.24 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 351,128

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 7/82 - MAR 12/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 3 | 5 | 96 | 3 | 3 | 1 | 0 | 0 | 34 | 145 |
| % AT AGE | 0.00 | 0.00 | 2.70 | 4.50 | 86.49 | 2.70 | 2.70 | 0.90 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 192.33 | 206.40 | 207.11 | 212.00 | 214.00 | 229.00 | 0.00 | 0.00 | 210.82 | 208.05 |
| - STD. DEV. | 0.00 | 0.00 | 5.51 | 4.16 | 8.79 | 5.00 | 4.58 | 0.00 | 0.00 | 0.00 | 10.86 | 9.55 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 102.00 | 107.20 | 119.90 | 136.00 | 125.33 | 147.00 | 0.00 | 0.00 | 125.03 | 120.92 |
| - STD. DEV. | 0.00 | 0.00 | 8.89 | 14.82 | 19.27 | 7.00 | 12.58 | 0.00 | 0.00 | 0.00 | 24.25 | 20.46 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 19 | 92 | 34 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 13.10 | 63.45 | 23.45 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 62 | 2 | 64 |
| % | 0.00 | 96.88 | 3.13 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 22.65 | 0.06 | 22.71 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 81 | 64 | 0 | 145 |
| % | 55.86 | 44.14 | 0.00 | 100.00 |
| MEAN WEIGHT | 112.91 | 131.06 | 0.00 | 120.92 |
| % SAMP. WT. | 52.16 | 47.84 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 201,191,202,129

SOURCE: ROE FISHERY
PRE-FISHERY CHARTER
OTHER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 14/82 - MAR 18/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 11 | 13 | 280 | 3 | 3 | 2 | 3 | 1 | 82 | 399 |
| % AT AGE | 0.00 | 0.32 | 3.47 | 4.10 | 88.33 | 0.95 | 0.95 | 0.63 | 0.95 | 0.32 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 167.00 | 189.00 | 201.15 | 203.39 | 221.33 | 218.33 | 232.50 | 235.33 | 252.00 | 205.34 | 203.99 |
| - STD. DEV. | 0.00 | 0.00 | 7.81 | 7.66 | 8.33 | 7.77 | 7.57 | 17.68 | 10.69 | 0.00 | 9.02 | 10.10 |
| WEIGHT - MEAN(gm) | 0.00 | 78.00 | 102.09 | 117.92 | 125.29 | 149.00 | 169.67 | 186.50 | 185.00 | 220.00 | 126.52 | 126.05 |
| - STD. DEV. | 0.00 | 0.00 | 11.73 | 13.88 | 18.76 | 21.52 | 32.72 | 82.73 | 21.79 | 0.00 | 20.70 | 21.90 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 231 | 167 | 1 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 57.89 | 41.85 | 0.25 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 177 | 0 | 177 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 27.12 | 0.00 | 27.12 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 222 | 177 | 0 | 399 |
| % | 55.64 | 44.36 | 0.00 | 100.00 |
| MEAN WEIGHT | 119.12 | 134.74 | 0.00 | 126.05 |
| % SAMP. WT. | 52.58 | 47.42 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 32 - PORTLAND INLET

SAMPLE NUMBERS: 329,136,135,328

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 11/82 - MAR 13/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 107 | 29 | 192 | 10 | 3 | 1 | 0 | 0 | 55 | 398 |
| % AT AGE | 0.00 | 0.29 | 31.20 | 8.45 | 55.98 | 2.92 | 0.87 | 0.29 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 137.00 | 166.74 | 182.17 | 191.43 | 202.80 | 210.00 | 235.00 | 0.00 | 0.00 | 186.64 | 183.85 |
| - STD. DEV. | 0.00 | 0.00 | 14.03 | 14.52 | 15.44 | 9.48 | 18.25 | 0.00 | 0.00 | 0.00 | 18.13 | 19.10 |
| WEIGHT - MEAN(gm) | 0.00 | 36.00 | 67.70 | 88.97 | 104.76 | 121.40 | 133.00 | 177.00 | 0.00 | 0.00 | 97.98 | 93.35 |
| - STD. DEV. | 0.00 | 0.00 | 18.59 | 22.92 | 24.72 | 20.04 | 21.07 | 0.00 | 0.00 | 0.00 | 28.13 | 29.06 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 1 | 11 | 8 | 87 | 284 | 6 | 0 | 0 |
| % AT STAGE | 0.25 | 0.25 | 2.76 | 2.01 | 21.86 | 71.36 | 1.51 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 15 | 167 | 4 | 186 |
| % | 8.06 | 89.78 | 2.15 | 100.00 |
| % SAMPLE WEIGHT | 0.59 | 18.68 | 0.06 | 19.33 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 209 | 186 | 3 | 398 |
| % | 52.51 | 46.73 | 0.75 | 100.00 |
| MEAN WEIGHT | 88.06 | 100.19 | 37.67 | 93.35 |
| % SAMP. WT. | 49.54 | 50.16 | 0.30 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 32 - PORTLAND INLET

SAMPLE NUMBERS: 334,327,266

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 14/82 - MAR 19/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 60 | 17 | 170 | 7 | 6 | 2 | 1 | 0 | 35 | 299 |
| % AT AGE | 0.00 | 0.38 | 22.73 | 6.44 | 64.39 | 2.65 | 2.27 | 0.76 | 0.38 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 150.00 | 173.43 | 184.18 | 192.73 | 208.57 | 215.17 | 226.50 | 223.00 | 0.00 | 193.60 | 189.48 |
| - STD. DEV. | 0.00 | 0.00 | 9.26 | 8.27 | 9.22 | 18.00 | 18.54 | 16.26 | 0.00 | 0.00 | 15.71 | 14.55 |
| WEIGHT - MEAN(gm) | 0.00 | 45.00 | 78.72 | 96.35 | 111.68 | 136.57 | 146.67 | 174.50 | 127.00 | 0.00 | 107.69 | 105.26 |
| - STD. DEV. | 0.00 | 0.00 | 12.07 | 10.30 | 17.34 | 33.16 | 24.52 | 65.76 | 0.00 | 0.00 | 22.47 | 24.16 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 228 | 68 | 1 | 0 | 2 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 76.25 | 22.74 | 0.33 | 0.00 | 0.67 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 144 | 0 | 144 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 25.09 | 0.00 | 25.09 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 153 | 144 | 2 | 299 |
| % | 51.17 | 48.16 | 0.67 | 100.00 |
| MEAN WEIGHT | 99.49 | 111.55 | 94.00 | 105.26 |
| % SAMP. WT. | 48.37 | 51.04 | 0.60 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 33 - PORT SIMPSON

SAMPLE NUMBERS: 300

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 14/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 22 | 7 | 52 | 2 | 0 | 0 | 0 | 0 | 15 | 99 |
| % AT AGE | 0.00 | 1.19 | 26.19 | 8.33 | 61.90 | 2.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 183.00 | 175.73 | 190.71 | 194.71 | 212.50 | 0.00 | 0.00 | 0.00 | 0.00 | 189.13 | 189.61 |
| - STD. DEV. | 0.00 | 0.00 | 5.68 | 12.63 | 10.13 | 9.19 | 0.00 | 0.00 | 0.00 | 0.00 | 14.24 | 12.97 |
| WEIGHT - MEAN(gm) | 0.00 | 78.00 | 78.36 | 98.57 | 107.58 | 151.50 | 0.00 | 0.00 | 0.00 | 0.00 | 100.87 | 100.02 |
| - STD. DEV. | 0.00 | 0.00 | 7.85 | 14.48 | 17.18 | 36.06 | 0.00 | 0.00 | 0.00 | 0.00 | 20.80 | 21.20 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 2 | 0 | 43 | 53 | 0 | 1 | 0 |
| % AT STAGE | 0.00 | 0.00 | 2.02 | 0.00 | 43.43 | 53.54 | 0.00 | 1.01 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 55 | 1 | 56 |
| % | 0.00 | 98.21 | 1.79 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 20.55 | 0.18 | 20.73 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 43 | 56 | 0 | 99 |
| % | 43.43 | 56.57 | 0.00 | 100.00 |
| MEAN WEIGHT | 91.07 | 106.89 | 0.00 | 100.02 |
| % SAMP. WT. | 39.55 | 60.45 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 51 - OTHER AREA 5

SAMPLE NUMBERS: 88,100, 26, 78, 57, 20,103, 83, 41

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 16/81 - NOV 17/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 5 | 90 | 173 | 314 | 20 | 7 | 6 | 3 | 1 | 258 | 877 |
| % AT AGE | 0.00 | 0.81 | 14.54 | 27.95 | 50.73 | 3.23 | 1.13 | 0.97 | 0.48 | 0.16 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 147.80 | 173.90 | 192.70 | 196.37 | 215.30 | 228.86 | 234.50 | 239.33 | 238.00 | 185.08 | 190.89 |
| - STD. DEV. | 0.00 | 11.39 | 7.74 | 7.84 | 8.01 | 11.74 | 10.57 | 18.52 | 10.69 | 0.00 | 20.23 | 16.68 |
| WEIGHT - MEAN(gm) | 0.00 | 50.80 | 84.71 | 116.57 | 124.60 | 152.85 | 184.43 | 194.67 | 206.67 | 203.00 | 107.78 | 115.53 |
| - STD. DEV. | 0.00 | 16.12 | 11.81 | 14.97 | 16.44 | 21.94 | 20.98 | 36.88 | 19.60 | 0.00 | 49.91 | 35.04 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 34 | 179 | 489 | 172 | 3 | 0 | 0 | 0 | 0 |
| % AT STAGE | 3.88 | 20.41 | 55.76 | 19.61 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 427 | 1 | 0 | 428 |
| % | 99.77 | 0.23 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 449 | 428 | 0 | 877 |
| % | 51.20 | 48.80 | 0.00 | 100.00 |
| MEAN WEIGHT | 112.97 | 118.20 | 0.00 | 115.53 |
| % SAMP. WT. | 50.07 | 49.93 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 51 - OTHER AREA 5

SAMPLE NUMBERS: 109

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 24/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 7 | 25 | 26 | 6 | 6 | 9 | 1 | 1 | 18 | 99 |
| % AT AGE | 0.00 | 0.00 | 8.64 | 30.86 | 32.10 | 7.41 | 7.41 | 11.11 | 1.23 | 1.23 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 178.00 | 189.44 | 196.00 | 217.33 | 227.50 | 224.67 | 233.00 | 243.00 | 196.50 | 199.82 |
| - STD. DEV. | 0.00 | 0.00 | 11.69 | 9.09 | 8.59 | 15.93 | 9.97 | 6.73 | 0.00 | 0.00 | 18.83 | 18.73 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 91.71 | 108.16 | 119.65 | 152.83 | 191.00 | 181.56 | 161.00 | 241.00 | 123.67 | 129.11 |
| - STD. DEV. | 0.00 | 0.00 | 19.02 | 14.70 | 16.05 | 34.90 | 15.94 | 19.32 | 0.00 | 0.00 | 36.21 | 37.07 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 29 | 37 | 31 | 1 | 0 | 0 | 0 | 0 |
| % AT STAGE | 1.01 | 29.29 | 37.37 | 31.31 | 1.01 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 46 | 0 | 0 | 46 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 53 | 46 | 0 | 99 |
| % | 53.54 | 46.46 | 0.00 | 100.00 |
| MEAN WEIGHT | 122.21 | 137.07 | 0.00 | 129.11 |
| % SAMP. WT. | 50.67 | 49.33 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 35, 62, 55, 76, 21,105, 22, 19

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 26/81 - NOV 27/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 2 | 47 | 82 | 180 | 104 | 65 | 29 | 18 | 5 | 243 | 775 |
| % AT AGE | 0.00 | 0.38 | 8.83 | 15.41 | 33.83 | 19.55 | 12.22 | 5.45 | 3.38 | 0.94 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 158.00 | 176.98 | 193.05 | 202.44 | 220.84 | 229.57 | 229.66 | 238.50 | 241.60 | 199.07 | 205.58 |
| - STD. DEV. | 0.00 | 8.49 | 8.61 | 9.45 | 12.27 | 10.76 | 12.11 | 10.85 | 13.34 | 5.08 | 25.19 | 22.49 |
| WEIGHT - MEAN(gm) | 0.00 | 60.50 | 87.17 | 112.77 | 131.46 | 157.75 | 175.46 | 175.00 | 185.17 | 201.00 | 126.05 | 135.46 |
| - STD. DEV. | 0.00 | 0.71 | 12.09 | 16.09 | 23.91 | 24.61 | 26.14 | 31.16 | 31.81 | 28.45 | 43.35 | 39.26 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 15 | 311 | 324 | 113 | 12 | 0 | 0 | 0 | 0 |
| % AT STAGE | 1.94 | 40.13 | 41.81 | 14.58 | 1.55 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 375 | 0 | 0 | 375 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 400 | 375 | 0 | 775 |
| % | 51.61 | 48.39 | 0.00 | 100.00 |
| MEAN WEIGHT | 137.24 | 133.57 | 0.00 | 135.46 |
| % SAMP. WT. | 52.29 | 47.71 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 347,267,348,321,336,346

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 23/82 - MAR 27/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 39 | 72 | 39 | 326 | 14 | 6 | 1 | 2 | 0 | 95 | 594 |
| % AT AGE | 0.00 | 7.82 | 14.43 | 7.82 | 65.33 | 2.81 | 1.20 | 0.20 | 0.40 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 142.62 | 172.65 | 187.72 | 198.73 | 211.79 | 226.83 | 227.00 | 240.50 | 0.00 | 183.75 | 189.54 |
| - STD. DEV. | 0.00 | 14.59 | 16.15 | 11.12 | 9.33 | 11.90 | 2.86 | 0.00 | 19.09 | 0.00 | 31.57 | 23.04 |
| WEIGHT - MEAN(gm) | 0.00 | 39.15 | 72.03 | 96.97 | 112.99 | 138.29 | 162.33 | 148.00 | 191.00 | 0.00 | 94.12 | 100.53 |
| - STD. DEV. | 0.00 | 11.86 | 19.10 | 19.60 | 17.24 | 23.76 | 19.47 | 0.00 | 86.27 | 0.00 | 45.00 | 33.65 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 32 | 30 | 200 | 257 | 60 | 15 | 0 |
| % AT STAGE | 0.00 | 0.00 | 5.39 | 5.05 | 33.67 | 43.27 | 10.10 | 2.53 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 28 | 172 | 13 | 213 |
| % | 13.15 | 80.75 | 6.10 | 100.00 |
| % SAMPLE WEIGHT | 0.39 | 22.55 | 0.00 | 22.94 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 351 | 213 | 30 | 594 |
| % | 59.09 | 35.86 | 5.05 | 100.00 |
| MEAN WEIGHT | 97.33 | 114.82 | 36.43 | 100.53 |
| % SAMP. WT. | 57.21 | 40.96 | 1.83 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 257,342,306,298,273

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 40 DATE: MAR 28/82 - MAR 30/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 58 | 35 | 23 | 285 | 11 | 6 | 2 | 0 | 0 | 80 | 500 |
| % AT AGE | 0.00 | 13.81 | 8.33 | 5.48 | 67.86 | 2.62 | 1.43 | 0.48 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 135.05 | 173.97 | 189.91 | 196.35 | 205.00 | 214.67 | 223.00 | 0.00 | 0.00 | 167.68 | 183.31 |
| - STD. DEV. | 0.00 | 7.11 | 14.96 | 7.84 | 9.02 | 8.96 | 11.89 | 2.83 | 0.00 | 0.00 | 33.29 | 26.31 |
| WEIGHT - MEAN(gm) | 0.00 | 35.12 | 80.54 | 99.61 | 115.17 | 130.45 | 149.00 | 170.50 | 0.00 | 0.00 | 79.85 | 98.06 |
| - STD. DEV. | 0.00 | 6.59 | 19.92 | 16.02 | 18.97 | 18.58 | 27.22 | 24.75 | 0.00 | 0.00 | 44.41 | 36.79 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 31 | 4 | 45 | 19 | 272 | 119 | 10 | 0 | 0 |
| % AT STAGE | 6.20 | 0.80 | 9.00 | 3.80 | 54.40 | 23.80 | 2.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 31 | 195 | 3 | 229 |
| % | 13.54 | 85.15 | 1.31 | 100.00 |
| % SAMPLE WEIGHT | 0.38 | 23.85 | 0.04 | 24.27 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 231 | 229 | 39 | 499 |
| % | 46.29 | 45.89 | 7.82 | 100.00 |
| MEAN WEIGHT | 96.84 | 110.18 | 34.10 | 98.06 |
| % SAMP. WT. | 45.72 | 51.57 | 2.72 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 61 - OTHER AREA 6

SAMPLE NUMBERS: 110, 31, 79, 58, 84, 94, 46, 77, 92

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 24/81 - NOV 25/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 7 | 32 | 87 | 206 | 98 | 79 | 62 | 23 | 15 | 274 | 885 |
| % AT AGE | 0.00 | 1.15 | 5.24 | 14.24 | 34.04 | 16.04 | 12.93 | 10.15 | 3.76 | 2.45 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 157.29 | 173.78 | 193.21 | 199.98 | 217.98 | 226.86 | 231.42 | 239.30 | 239.53 | 204.46 | 207.71 |
| - STD. DEV. | 0.00 | 8.98 | 8.94 | 9.93 | 11.50 | 11.43 | 10.64 | 10.32 | 9.83 | 6.23 | 43.05 | 29.63 |
| WEIGHT - MEAN(gm) | 0.00 | 59.29 | 79.53 | 109.57 | 123.17 | 152.14 | 167.39 | 183.55 | 203.83 | 202.13 | 128.36 | 136.18 |
| - STD. DEV. | 0.00 | 11.69 | 11.42 | 17.01 | 20.40 | 28.44 | 27.35 | 26.49 | 29.95 | 17.81 | 42.45 | 40.93 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 7 | 127 | 542 | 194 | 15 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.79 | 14.35 | 61.24 | 21.92 | 1.69 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 458 | 0 | 0 | 458 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 426 | 458 | 1 | 885 |
| % | 48.14 | 51.75 | 0.11 | 100.00 |
| MEAN WEIGHT | 130.22 | 141.92 | 44.00 | 136.18 |
| % SAMP. WT. | 46.03 | 53.93 | 0.04 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 61 - OTHER AREA 6

SAMPLE NUMBERS: 376

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 21/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 2 | 4 | 38 | 2 | 8 | 15 | 5 | 0 | 24 | 99 |
| % AT AGE | 0.00 | 1.33 | 2.67 | 5.33 | 50.67 | 2.67 | 10.67 | 20.00 | 6.67 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 182.00 | 165.50 | 193.00 | 190.87 | 211.00 | 202.88 | 213.53 | 236.00 | 0.00 | 202.63 | 200.29 |
| - STD. DEV. | 0.00 | 0.00 | 4.95 | 10.68 | 9.07 | 25.46 | 13.62 | 12.96 | 16.36 | 0.00 | 21.14 | 18.85 |
| WEIGHT - MEAN(gm) | 0.00 | 92.00 | 74.50 | 103.00 | 100.97 | 132.00 | 115.50 | 140.20 | 181.40 | 0.00 | 119.75 | 116.79 |
| - STD. DEV. | 0.00 | 0.00 | 9.19 | 23.02 | 17.50 | 43.84 | 22.86 | 32.16 | 56.32 | 0.00 | 38.12 | 35.49 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 2 | 26 | 47 | 16 | 0 | 8 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 2.02 | 26.26 | 47.47 | 16.16 | 0.00 | 8.08 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 2 | 46 | 4 | 52 |
| % | 3.85 | 88.46 | 7.69 | 100.00 |
| % SAMPLE WEIGHT | 0.42 | 12.83 | 0.08 | 13.33 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 39 | 52 | 8 | 99 |
| % | 39.39 | 52.53 | 8.08 | 100.00 |
| MEAN WEIGHT | 114.31 | 119.60 | 110.63 | 116.79 |
| % SAMP. WT. | 38.56 | 53.79 | 7.65 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 67 - KITASU BAY

SAMPLE NUMBERS: 32, 36,130

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 4/82 - MAR 5/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 2 | 43 | 29 | 148 | 7 | 12 | 7 | 4 | 0 | 46 | 298 |
| % AT AGE | 0.00 | 0.79 | 17.06 | 11.51 | 58.73 | 2.78 | 4.76 | 2.78 | 1.59 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 149.50 | 180.00 | 188.55 | 198.43 | 207.29 | 213.42 | 229.29 | 238.75 | 0.00 | 199.20 | 196.68 |
| - STD. DEV. | 0.00 | 17.68 | 10.37 | 9.79 | 7.69 | 11.04 | 15.31 | 16.09 | 7.50 | 0.00 | 15.87 | 15.39 |
| WEIGHT - MEAN(gm) | 0.00 | 47.50 | 89.30 | 99.24 | 117.30 | 135.71 | 136.42 | 162.43 | 199.25 | 0.00 | 118.52 | 114.58 |
| - STD. DEV. | 0.00 | 13.44 | 15.08 | 14.99 | 15.55 | 32.01 | 19.32 | 37.51 | 12.69 | 0.00 | 24.83 | 25.76 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 1 | 3 | 0 | 102 | 190 | 1 | 0 | 0 |
| % AT STAGE | 0.34 | 0.34 | 1.01 | 0.00 | 34.23 | 63.76 | 0.34 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 3 | 119 | 0 | 122 |
| % | 2.46 | 97.54 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.15 | 20.15 | 0.00 | 20.30 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 176 | 122 | 0 | 298 |
| % | 59.06 | 40.94 | 0.00 | 100.00 |
| MEAN WEIGHT | 111.34 | 119.27 | 0.00 | 114.58 |
| % SAMP. WT. | 57.39 | 42.61 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 67 - KITASU BAY

SAMPLE NUMBERS: 164,131,165,228,167

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 8/82 - MAR 13/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 34 | 85 | 48 | 189 | 27 | 14 | 8 | 2 | 0 | 88 | 495 |
| % AT AGE | 0.00 | 8.35 | 20.88 | 11.79 | 46.44 | 6.63 | 3.44 | 1.97 | 0.49 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 151.24 | 173.13 | 185.92 | 192.19 | 203.48 | 200.50 | 221.75 | 235.00 | 0.00 | 188.91 | 186.41 |
| - STD. DEV. | 0.00 | 9.16 | 10.44 | 10.69 | 11.09 | 12.89 | 10.57 | 12.56 | 14.14 | 0.00 | 20.57 | 18.75 |
| WEIGHT - MEAN(gm) | 0.00 | 48.15 | 76.72 | 95.94 | 105.90 | 119.07 | 128.43 | 161.38 | 168.00 | 0.00 | 101.03 | 97.59 |
| - STD. DEV. | 0.00 | 10.11 | 13.79 | 16.53 | 19.35 | 19.18 | 24.09 | 40.77 | 35.36 | 0.00 | 30.95 | 29.11 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 11 | 2 | 25 | 59 | 119 | 232 | 47 | 0 | 0 |
| % AT STAGE | 2.22 | 0.40 | 5.05 | 11.92 | 24.04 | 46.87 | 9.49 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 73 | 160 | 14 | 247 |
| % | 29.55 | 64.78 | 5.67 | 100.00 |
| % SAMPLE WEIGHT | 3.26 | 15.08 | 0.14 | 18.48 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 244 | 247 | 4 | 495 |
| % | 49.29 | 49.90 | 0.81 | 100.00 |
| MEAN WEIGHT | 95.09 | 100.81 | 51.50 | 97.59 |
| % SAMP. WT. | 48.03 | 51.54 | 0.43 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 67 - KITASU BAY

SAMPLE NUMBERS: 375,230

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 19/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 18 | 16 | 126 | 10 | 10 | 2 | 0 | 1 | 15 | 199 |
| % AT AGE | 0.00 | 0.54 | 9.78 | 8.70 | 68.48 | 5.43 | 5.43 | 1.09 | 0.00 | 0.54 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 160.00 | 180.11 | 188.50 | 196.74 | 211.90 | 229.70 | 234.00 | 0.00 | 242.00 | 206.27 | 198.13 |
| - STD. DEV. | 0.00 | 0.00 | 8.17 | 6.31 | 10.22 | 13.25 | 12.50 | 18.38 | 0.00 | 0.00 | 23.04 | 16.20 |
| WEIGHT - MEAN(gm) | 0.00 | 66.00 | 84.06 | 89.69 | 112.15 | 138.30 | 171.20 | 189.00 | 0.00 | 188.00 | 126.07 | 114.06 |
| - STD. DEV. | 0.00 | 0.00 | 12.19 | 13.40 | 24.32 | 23.35 | 30.66 | 69.30 | 0.00 | 0.00 | 49.45 | 33.14 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 1 | 2 | 69 | 77 | 50 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.50 | 1.01 | 34.67 | 38.69 | 25.13 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 3 | 85 | 13 | 101 |
| % | 2.97 | 84.16 | 12.87 | 100.00 |
| % SAMPLE WEIGHT | 0.18 | 21.67 | 0.29 | 22.13 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 98 | 101 | 0 | 199 |
| % | 49.25 | 50.75 | 0.00 | 100.00 |
| MEAN WEIGHT | 103.21 | 124.57 | 0.00 | 114.06 |
| % SAMP. WT. | 44.57 | 55.43 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 71 - OTHER AREA 7

SAMPLE NUMBERS: 303

SOURCE: OTHER

GEAR: HERRING SEINE

WEEK: 45 DATE: MAY 7/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 9 | 10 | 8 | 1 | 2 | 6 | 0 | 0 | 0 | 62 | 98 |
| % AT AGE | 0.00 | 25.00 | 27.78 | 22.22 | 2.78 | 5.56 | 16.67 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 142.11 | 154.90 | 166.38 | 155.00 | 192.00 | 179.33 | 0.00 | 0.00 | 0.00 | 147.00 | 151.92 |
| - STD. DEV. | 0.00 | 8.58 | 17.37 | 12.25 | 0.00 | 0.00 | 15.06 | 0.00 | 0.00 | 0.00 | 16.33 | 18.61 |
| WEIGHT - MEAN(gm) | 0.00 | 38.00 | 48.90 | 64.38 | 55.00 | 119.50 | 82.50 | 0.00 | 0.00 | 0.00 | 47.52 | 51.85 |
| - STD. DEV. | 0.00 | 4.66 | 12.27 | 9.62 | 0.00 | 10.61 | 16.13 | 0.00 | 0.00 | 0.00 | 18.56 | 21.21 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 30 | 5 | 48 | 11 | 3 | 0 | 1 |
| % AT STAGE | 0.00 | 0.00 | 30.61 | 5.10 | 48.98 | 11.22 | 3.06 | 0.00 | 1.02 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 3 | 20 | 0 | 23 |
| % | 13.04 | 86.96 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 3.75 | 17.83 | 0.00 | 21.57 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 44 | 23 | 30 | 97 |
| % | 45.36 | 23.71 | 30.93 | 100.00 |
| MEAN WEIGHT | 52.64 | 58.04 | 45.70 | 51.77 |
| % SAMP. WT. | 46.12 | 26.58 | 27.30 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 34

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 5/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 11 | 7 | 42 | 8 | 5 | 3 | 0 | 0 | 23 | 99 |
| % AT AGE | 0.00 | 0.00 | 14.47 | 9.21 | 55.26 | 10.53 | 6.58 | 3.95 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 178.36 | 199.43 | 206.52 | 210.88 | 213.60 | 234.00 | 0.00 | 0.00 | 210.22 | 205.29 |
| - STD. DEV. | 0.00 | 0.00 | 12.40 | 6.53 | 6.71 | 5.87 | 5.03 | 7.94 | 0.00 | 0.00 | 10.99 | 13.80 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 82.82 | 120.00 | 131.98 | 144.63 | 148.80 | 180.67 | 0.00 | 0.00 | 142.13 | 131.37 |
| - STD. DEV. | 0.00 | 0.00 | 17.22 | 9.87 | 15.36 | 13.05 | 10.80 | 13.20 | 0.00 | 0.00 | 25.08 | 26.49 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 0 | 99 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 52 | 0 | 52 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 21.40 | 0.00 | 21.40 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 47 | 52 | 0 | 99 |
| % | 47.47 | 52.53 | 0.00 | 100.00 |
| MEAN WEIGHT | 126.36 | 135.90 | 0.00 | 131.37 |
| % SAMP. WT. | 45.66 | 54.34 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 245,234,134,225, 35, 33,132

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 7/82 - MAR 13/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 8 | 77 | 71 | 346 | 32 | 22 | 9 | 1 | 0 | 118 | 684 |
| % AT AGE | 0.00 | 1.41 | 13.60 | 12.54 | 61.13 | 5.65 | 3.89 | 1.59 | 0.18 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 158.63 | 180.23 | 190.92 | 201.09 | 205.84 | 212.73 | 220.11 | 216.00 | 0.00 | 201.27 | 198.09 |
| - STD. DEV. | 0.00 | 8.28 | 10.44 | 12.13 | 9.99 | 9.52 | 8.93 | 14.88 | 0.00 | 0.00 | 12.94 | 14.10 |
| WEIGHT - MEAN(gm) | 0.00 | 55.00 | 93.31 | 111.49 | 132.72 | 143.69 | 159.36 | 177.67 | 204.00 | 0.00 | 132.97 | 127.28 |
| - STD. DEV. | 0.00 | 9.21 | 18.97 | 23.75 | 21.66 | 21.93 | 19.75 | 42.91 | 0.00 | 0.00 | 28.01 | 29.17 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 2 | 0 | 6 | 248 | 428 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.29 | 0.00 | 0.88 | 36.26 | 62.57 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 7 | 347 | 0 | 354 |
| % | 1.98 | 98.02 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.27 | 25.03 | 0.00 | 25.30 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 330 | 354 | 0 | 684 |
| % | 48.25 | 51.75 | 0.00 | 100.00 |
| MEAN WEIGHT | 119.85 | 134.21 | 0.00 | 127.28 |
| % SAMP. WT. | 45.43 | 54.57 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 339,244,243,242,143,229,292,270,176,231,
226,227,162,166,272,235,232,314,163

SOURCE: ROE FISHERY
PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 14/82 - MAR 20/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 6 | 174 | 148 | 1077 | 86 | 68 | 17 | 8 | 0 | 312 | 1894 |
| % AT AGE | 0.00 | 0.38 | 11.00 | 9.36 | 68.08 | 5.44 | 4.30 | 1.07 | 0.38 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 158.00 | 182.57 | 193.97 | 202.81 | 206.45 | 213.19 | 215.53 | 228.50 | 0.00 | 201.68 | 200.67 |
| - STD. DEV. | 0.00 | 8.27 | 9.09 | 8.77 | 8.95 | 11.02 | 10.48 | 17.81 | 7.42 | 0.00 | 11.76 | 12.15 |
| WEIGHT - MEAN(gm) | 0.00 | 61.50 | 97.95 | 119.92 | 138.52 | 146.16 | 162.54 | 167.29 | 197.67 | 0.00 | 134.98 | 134.17 |
| - STD. DEV. | 0.00 | 11.64 | 16.57 | 17.54 | 20.26 | 22.17 | 25.15 | 36.12 | 12.56 | 0.00 | 24.69 | 25.71 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 2 | 2 | 1204 | 684 | 2 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.11 | 0.11 | 63.57 | 36.11 | 0.11 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 4 | 1016 | 0 | 1020 |
| % | 0.39 | 99.61 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.07 | 27.78 | 0.00 | 27.85 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 874 | 1020 | 0 | 1894 |
| % | 46.15 | 53.85 | 0.00 | 100.00 |
| MEAN WEIGHT | 126.73 | 140.54 | 0.00 | 134.17 |
| % SAMP. WT. | 43.59 | 56.41 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 236

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 21/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 3 | 8 | 61 | 1 | 3 | 0 | 0 | 0 | 24 | 100 |
| % AT AGE | 0.00 | 0.00 | 3.95 | 10.53 | 80.26 | 1.32 | 3.95 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 183.33 | 188.75 | 201.54 | 208.00 | 206.67 | 0.00 | 0.00 | 0.00 | 197.42 | 199.20 |
| - STD. DEV. | 0.00 | 0.00 | 4.16 | 10.54 | 8.36 | 0.00 | 7.64 | 0.00 | 0.00 | 0.00 | 13.70 | 10.88 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 99.33 | 113.88 | 139.56 | 139.00 | 159.33 | 0.00 | 0.00 | 0.00 | 128.17 | 134.15 |
| - STD. DEV. | 0.00 | 0.00 | 8.39 | 23.15 | 20.71 | 0.00 | 21.22 | 0.00 | 0.00 | 0.00 | 27.88 | 24.60 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 78 | 22 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 78.00 | 22.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 54 | 0 | 54 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 29.08 | 0.00 | 29.08 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 46 | 54 | 0 | 100 |
| % | 46.00 | 54.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 125.20 | 141.78 | 0.00 | 134.15 |
| % SAMP. WT. | 42.93 | 57.07 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 379

SOURCE: OTHER

GEAR: HERRING SEINE

WEEK: 46 DATE: MAY 10/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 2 | 18 | 11 | 27 | 5 | 2 | 4 | 0 | 0 | 30 | 99 |
| % AT AGE | 0.00 | 2.90 | 26.09 | 15.94 | 39.13 | 7.25 | 2.90 | 5.80 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 172.00 | 176.33 | 188.55 | 191.04 | 187.80 | 211.50 | 204.50 | 0.00 | 0.00 | 179.33 | 184.95 |
| - STD. DEV. | 0.00 | 11.31 | 7.17 | 12.93 | 8.46 | 10.38 | 6.36 | 30.78 | 0.00 | 0.00 | 18.77 | 15.91 |
| WEIGHT - MEAN(gm) | 0.00 | 65.00 | 72.33 | 87.18 | 87.96 | 80.80 | 120.00 | 115.50 | 0.00 | 0.00 | 82.00 | 84.16 |
| - STD. DEV. | 0.00 | 14.14 | 10.80 | 23.06 | 10.71 | 9.96 | 2.83 | 32.62 | 0.00 | 0.00 | 29.62 | 22.58 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 24 | 0 | 1 | 13 | 61 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 24.24 | 0.00 | 1.01 | 13.13 | 61.62 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 7 | 10 | 17 |
| % | 0.00 | 41.18 | 58.82 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 7.34 | 1.23 | 8.57 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 58 | 17 | 24 | 99 |
| % | 58.59 | 17.17 | 24.24 | 100.00 |
| MEAN WEIGHT | 82.28 | 95.35 | 80.79 | 84.16 |
| % SAMP. WT. | 57.27 | 19.46 | 23.27 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 75 - MCNAUGHTON GROUP

SAMPLE NUMBERS: 377

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 40 DATE: MAR 28/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 3 | 33 | 16 | 27 | 2 | 8 | 1 | 1 | 0 | 9 | 100 |
| % AT AGE | 0.00 | 3.30 | 36.26 | 17.58 | 29.67 | 2.20 | 8.79 | 1.10 | 1.10 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 162.33 | 173.18 | 189.94 | 198.93 | 199.50 | 209.63 | 227.00 | 212.00 | 0.00 | 196.11 | 188.92 |
| - STD. DEV. | 0.00 | 10.02 | 8.99 | 7.62 | 7.74 | 10.61 | 12.96 | 0.00 | 0.00 | 0.00 | 15.50 | 16.68 |
| WEIGHT - MEAN(gm) | 0.00 | 69.33 | 81.12 | 109.50 | 122.63 | 114.50 | 141.63 | 138.00 | 131.00 | 0.00 | 119.56 | 106.55 |
| - STD. DEV. | 0.00 | 15.57 | 14.06 | 11.45 | 19.50 | 10.61 | 25.68 | 0.00 | 0.00 | 0.00 | 33.26 | 28.06 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 95 | 5 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 95.00 | 5.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 53 | 0 | 53 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 30.43 | 0.00 | 30.43 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 47 | 53 | 0 | 100 |
| % | 47.00 | 53.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 101.32 | 111.19 | 0.00 | 106.55 |
| % SAMP. WT. | 44.69 | 55.31 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 85 - KWAKSHUA CHANNEL

SAMPLE NUMBERS: 133

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 11/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 26 | 11 | 31 | 6 | 11 | 3 | 2 | 0 | 9 | 99 |
| % AT AGE | 0.00 | 0.00 | 28.89 | 12.22 | 34.44 | 6.67 | 12.22 | 3.33 | 2.22 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 177.12 | 180.27 | 191.23 | 198.00 | 200.09 | 217.00 | 201.00 | 0.00 | 197.44 | 189.24 |
| - STD. DEV. | 0.00 | 0.00 | 9.77 | 17.82 | 9.34 | 8.69 | 14.22 | 7.94 | 8.49 | 0.00 | 9.77 | 14.75 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 83.19 | 87.27 | 106.48 | 123.17 | 123.82 | 160.67 | 114.00 | 0.00 | 111.00 | 103.37 |
| - STD. DEV. | 0.00 | 0.00 | 14.81 | 23.91 | 15.37 | 18.37 | 27.81 | 19.55 | 7.07 | 0.00 | 17.15 | 25.19 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 3 | 46 | 50 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 3.03 | 46.46 | 50.51 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 3 | 52 | 0 | 55 |
| % | 5.45 | 94.55 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.31 | 22.13 | 0.00 | 22.44 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 44 | 55 | 0 | 99 |
| % | 44.44 | 55.56 | 0.00 | 100.00 |
| MEAN WEIGHT | 99.18 | 106.73 | 0.00 | 103.37 |
| % SAMP. WT. | 42.64 | 57.36 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 85 - KWAKSHUA CHANNEL

SAMPLE NUMBERS: 233

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 19/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 3 | 40 | 11 | 33 | 2 | 1 | 0 | 0 | 0 | 10 | 100 |
| % AT AGE | 0.00 | 3.33 | 44.44 | 12.22 | 36.67 | 2.22 | 1.11 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 154.33 | 171.38 | 183.64 | 193.70 | 199.50 | 197.00 | 0.00 | 0.00 | 0.00 | 182.40 | 181.50 |
| - STD. DEV. | 0.00 | 6.81 | 8.92 | 10.46 | 8.94 | 3.54 | 0.00 | 0.00 | 0.00 | 0.00 | 19.17 | 15.02 |
| WEIGHT - MEAN(gm) | 0.00 | 50.67 | 74.72 | 92.09 | 106.15 | 123.00 | 117.00 | 0.00 | 0.00 | 0.00 | 91.50 | 89.35 |
| - STD. DEV. | 0.00 | 7.57 | 13.83 | 20.72 | 15.10 | 36.77 | 0.00 | 0.00 | 0.00 | 0.00 | 32.62 | 23.70 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 48 | 52 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 48.00 | 52.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 46 | 0 | 46 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 26.92 | 0.00 | 26.92 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 54 | 46 | 0 | 100 |
| % | 54.00 | 46.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 84.83 | 94.65 | 0.00 | 89.35 |
| % SAMP. WT. | 51.27 | 48.73 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 85 - KWAKSHUA CHANNEL

SAMPLE NUMBERS: 378

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 24/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 2 | 38 | 11 | 32 | 1 | 6 | 1 | 1 | 2 | 6 | 100 |
| % AT AGE | 0.00 | 2.13 | 40.43 | 11.70 | 34.04 | 1.06 | 6.38 | 1.06 | 1.06 | 2.13 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 154.50 | 174.71 | 185.09 | 192.91 | 192.00 | 201.17 | 218.00 | 234.00 | 219.50 | 190.83 | 185.92 |
| - STD. DEV. | 0.00 | 0.71 | 9.16 | 12.14 | 9.32 | 0.00 | 9.41 | 0.00 | 0.00 | 9.19 | 21.74 | 16.10 |
| WEIGHT - MEAN(gm) | 0.00 | 54.50 | 81.03 | 98.64 | 114.88 | 111.00 | 126.00 | 171.00 | 219.00 | 139.50 | 101.00 | 100.91 |
| - STD. DEV. | 0.00 | 4.95 | 16.43 | 24.49 | 20.57 | 0.00 | 20.42 | 0.00 | 0.00 | 23.33 | 27.48 | 29.62 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 94 | 5 | 1 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 94.00 | 5.00 | 1.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 52 | 1 | 53 |
| % | 0.00 | 98.11 | 1.89 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 27.31 | 0.07 | 27.38 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 47 | 53 | 0 | 100 |
| % | 47.00 | 53.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 92.45 | 108.42 | 0.00 | 100.91 |
| % SAMP. WT. | 43.06 | 56.94 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 122 - BEAVER HARBOUR

SAMPLE NUMBERS: 188

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 18/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 29 | 3 | 33 | 2 | 7 | 0 | 0 | 0 | 25 | 100 |
| % AT AGE | 0.00 | 1.33 | 38.67 | 4.00 | 44.00 | 2.67 | 9.33 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 152.00 | 177.10 | 192.33 | 196.42 | 207.00 | 205.29 | 0.00 | 0.00 | 0.00 | 189.92 | 189.46 |
| - STD. DEV. | 0.00 | 0.00 | 8.13 | 15.88 | 9.79 | 14.14 | 8.18 | 0.00 | 0.00 | 0.00 | 15.28 | 14.72 |
| WEIGHT - MEAN(gm) | 0.00 | 48.00 | 83.21 | 114.00 | 119.73 | 155.50 | 138.43 | 0.00 | 0.00 | 0.00 | 107.40 | 107.19 |
| - STD. DEV. | 0.00 | 0.00 | 14.92 | 39.84 | 22.74 | 45.96 | 17.50 | 0.00 | 0.00 | 0.00 | 32.12 | 30.43 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 97 | 3 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 97.00 | 3.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 55 | 0 | 55 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 27.92 | 0.00 | 27.92 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 45 | 55 | 0 | 100 |
| % | 45.00 | 55.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 95.58 | 116.69 | 0.00 | 107.19 |
| % SAMP. WT. | 40.13 | 59.87 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 123 - CRACROFT ISLAND

SAMPLE NUMBERS: 211,216

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 15/82 - MAR 16/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 67 | 44 | 11 | 40 | 6 | 2 | 4 | 1 | 0 | 25 | 200 |
| % AT AGE | 0.00 | 38.29 | 25.14 | 6.29 | 22.86 | 3.43 | 1.14 | 2.29 | 0.57 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 142.01 | 159.93 | 182.45 | 187.00 | 200.50 | 210.50 | 213.50 | 246.00 | 0.00 | 169.08 | 164.95 |
| - STD. DEV. | 0.00 | 9.74 | 15.21 | 11.93 | 13.28 | 8.87 | 17.68 | 8.06 | 0.00 | 0.00 | 22.27 | 25.03 |
| WEIGHT - MEAN(gm) | 0.00 | 35.81 | 59.61 | 91.82 | 102.97 | 125.17 | 143.00 | 146.00 | 195.00 | 0.00 | 74.76 | 69.18 |
| - STD. DEV. | 0.00 | 8.62 | 18.18 | 12.80 | 23.46 | 16.41 | 26.87 | 17.61 | 0.00 | 0.00 | 35.46 | 37.19 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 39 | 0 | 40 | 4 | 49 | 64 | 4 | 0 | 0 |
| % AT STAGE | 19.50 | 0.00 | 20.00 | 2.00 | 24.50 | 32.00 | 2.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 28 | 58 | 1 | 87 |
| % | 32.18 | 66.67 | 1.15 | 100.00 |
| % SAMPLE WEIGHT | 0.22 | 20.01 | 0.00 | 20.23 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 75 | 87 | 38 | 200 |
| % | 37.50 | 43.50 | 19.00 | 100.00 |
| MEAN WEIGHT | 75.27 | 77.84 | 37.34 | 69.18 |
| % SAMP. WT. | 40.80 | 48.94 | 10.26 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 126 - KINGCOME INLET

SAMPLE NUMBERS: 210,212

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 16/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 10 | 9 | 111 | 9 | 18 | 14 | 1 | 0 | 28 | 200 |
| % AT AGE | 0.00 | 0.00 | 5.81 | 5.23 | 64.53 | 5.23 | 10.47 | 8.14 | 0.58 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 158.90 | 164.44 | 171.12 | 175.89 | 185.33 | 193.43 | 190.00 | 0.00 | 176.36 | 174.09 |
| - STD. DEV. | 0.00 | 0.00 | 12.87 | 9.30 | 9.50 | 7.62 | 8.43 | 7.40 | 0.00 | 0.00 | 11.01 | 12.24 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 59.30 | 66.33 | 74.43 | 76.00 | 95.44 | 112.21 | 99.00 | 0.00 | 80.32 | 78.86 |
| - STD. DEV. | 0.00 | 0.00 | 11.20 | 13.36 | 14.86 | 7.23 | 16.51 | 13.27 | 0.00 | 0.00 | 16.54 | 18.76 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 1 | 1 | 2 | 153 | 40 | 3 | 0 | 0 |
| % AT STAGE | 0.00 | 0.50 | 0.50 | 1.00 | 76.50 | 20.00 | 1.50 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 125 | 0 | 126 |
| % | 0.79 | 99.21 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.04 | 26.29 | 0.00 | 26.33 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 74 | 126 | 0 | 200 |
| % | 37.00 | 63.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 77.07 | 79.92 | 0.00 | 78.86 |
| % SAMP. WT. | 36.16 | 63.84 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 127 - KNIGHT INLET

SAMPLE NUMBERS: 184

SOURCE: OTHER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 15/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 5 | 11 | 64 | 2 | 3 | 1 | 0 | 0 | 12 | 99 |
| % AT AGE | 0.00 | 1.15 | 5.75 | 12.64 | 73.56 | 2.30 | 3.45 | 1.15 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 127.00 | 157.00 | 164.27 | 169.31 | 194.50 | 191.67 | 184.00 | 0.00 | 0.00 | 165.92 | 168.63 |
| - STD. DEV. | 0.00 | 0.00 | 14.58 | 7.99 | 8.07 | 7.78 | 5.86 | 0.00 | 0.00 | 0.00 | 9.02 | 11.30 |
| WEIGHT - MEAN(gm) | 0.00 | 24.00 | 61.80 | 60.82 | 67.83 | 103.00 | 83.67 | 87.00 | 0.00 | 0.00 | 65.42 | 67.39 |
| - STD. DEV. | 0.00 | 0.00 | 20.23 | 13.14 | 11.22 | 25.46 | 9.45 | 0.00 | 0.00 | 0.00 | 12.21 | 14.30 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 84 | 9 | 6 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 84.85 | 9.09 | 6.06 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 31 | 2 | 33 |
| % | 0.00 | 93.94 | 6.06 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 23.27 | 0.31 | 23.58 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 66 | 33 | 0 | 99 |
| % | 66.67 | 33.33 | 0.00 | 100.00 |
| MEAN WEIGHT | 67.03 | 68.12 | 0.00 | 67.39 |
| % SAMP. WT. | 66.31 | 33.69 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 136 - OTHER AREA 13 GULF

SAMPLE NUMBERS: 98,112

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 1/82 - MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 6 | 92 | 36 | 34 | 4 | 4 | 2 | 1 | 0 | 20 | 199 |
| % AT AGE | 0.00 | 3.35 | 51.40 | 20.11 | 18.99 | 2.23 | 2.23 | 1.12 | 0.56 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 157.33 | 177.12 | 184.83 | 189.82 | 196.50 | 208.75 | 197.00 | 229.00 | 0.00 | 186.60 | 182.53 |
| - STD. DEV. | 0.00 | 7.76 | 10.90 | 9.81 | 10.12 | 16.86 | 7.72 | 4.24 | 0.00 | 0.00 | 11.89 | 13.58 |
| WEIGHT - MEAN(gm) | 0.00 | 54.17 | 75.67 | 87.39 | 95.85 | 100.75 | 135.00 | 105.00 | 175.00 | 0.00 | 92.10 | 84.73 |
| - STD. DEV. | 0.00 | 6.49 | 15.45 | 15.61 | 18.32 | 25.24 | 12.99 | 2.83 | 0.00 | 0.00 | 15.28 | 20.99 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 5 | 0 | 0 | 0 | 78 | 115 | 1 | 0 | 0 |
| % AT STAGE | 2.51 | 0.00 | 0.00 | 0.00 | 39.20 | 57.79 | 0.50 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 3 | 96 | 0 | 99 |
| % | 3.03 | 96.97 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.03 | 19.00 | 0.00 | 19.03 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 100 | 99 | 0 | 199 |
| % | 50.25 | 49.75 | 0.00 | 100.00 |
| MEAN WEIGHT | 81.87 | 87.63 | 0.00 | 84.73 |
| % SAMP. WT. | 48.55 | 51.45 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 136 - OTHER AREA 13 GULF

SAMPLE NUMBERS: 113

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 7/82

SPECIMENS AT EACH AGE:

| | AGE 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO. AT AGE | 0 | 1 | 34 | 21 | 9 | 0 | 0 | 0 | 0 | 0 | 34 | 99 |
| % AT AGE | 0.00 | 1.54 | 52.31 | 32.31 | 13.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 150.00 | 173.79 | 179.90 | 185.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 179.85 | 177.98 |
| - STD. DEV. | 0.00 | 0.00 | 9.07 | 7.30 | 8.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.57 | 9.48 |
| WEIGHT - MEAN(gm) | 0.00 | 51.00 | 72.59 | 84.38 | 89.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 81.71 | 79.49 |
| - STD. DEV. | 0.00 | 0.00 | 8.91 | 11.01 | 12.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.55 | 12.23 |

HJORT MATURITY STAGES:

| | MATURITY STAGE 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
|---|---|---|---|---|---|---|---|---|---|
| NO. AT STAGE | 0 | 0 | 0 | 1 | 34 | 63 | 1 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 1.01 | 34.34 | 63.64 | 1.01 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 74 | 0 | 74 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 20.17 | 0.00 | 20.17 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 25 | 74 | 0 | 99 |
| % | 25.25 | 74.75 | 0.00 | 100.00 |
| MEAN WEIGHT | 75.04 | 81.00 | 0.00 | 79.49 |
| % SAMP. WT. | 23.84 | 76.16 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 137 - HERIOT BAY

SAMPLE NUMBERS: 323

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 30 | 25 | 18 | 3 | 4 | 3 | 0 | 0 | 15 | 99 |
| % AT AGE | 0.00 | 1.19 | 35.71 | 29.76 | 21.43 | 3.57 | 4.76 | 3.57 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 154.00 | 174.93 | 182.60 | 190.56 | 195.67 | 193.75 | 201.67 | 0.00 | 0.00 | 192.13 | 184.30 |
| - STD. DEV. | 0.00 | 0.00 | 8.23 | 7.21 | 9.27 | 8.02 | 5.38 | 4.16 | 0.00 | 0.00 | 16.81 | 12.69 |
| WEIGHT - MEAN(gm) | 0.00 | 50.00 | 79.33 | 91.48 | 105.00 | 114.00 | 105.75 | 124.00 | 0.00 | 0.00 | 108.27 | 94.63 |
| - STD. DEV. | 0.00 | 0.00 | 14.34 | 13.90 | 19.28 | 15.00 | 15.39 | 8.19 | 0.00 | 0.00 | 36.61 | 23.73 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 8 | 70 | 20 | 1 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 8.08 | 70.71 | 20.20 | 1.01 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 4 | 38 | 1 | 43 |
| % | 9.30 | 88.37 | 2.33 | 100.00 |
| % SAMPLE WEIGHT | 1.72 | 22.13 | 0.07 | 23.92 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 56 | 43 | 0 | 99 |
| % | 56.57 | 43.43 | 0.00 | 100.00 |
| MEAN WEIGHT | 91.52 | 98.67 | 0.00 | 94.63 |
| % SAMP. WT. | 54.71 | 45.29 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 137 - HERIOT BAY

SAMPLE NUMBERS: 101,115,207,121,221,183,213,189,217,206, 114,215

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 7/82 - MAR 11/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 3 | 303 | 278 | 253 | 39 | 39 | 15 | 0 | 0 | 269 | 1199 |
| % AT AGE | 0.00 | 0.32 | 32.58 | 29.89 | 27.20 | 4.19 | 4.19 | 1.61 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 164.33 | 178.96 | 187.88 | 194.29 | 202.38 | 205.64 | 211.87 | 0.00 | 0.00 | 194.49 | 189.75 |
| - STD. DEV. | 0.00 | 0.58 | 9.49 | 8.83 | 9.34 | 12.44 | 10.37 | 11.73 | 0.00 | 0.00 | 13.02 | 12.95 |
| WEIGHT - MEAN(gm) | 0.00 | 65.00 | 83.27 | 97.55 | 107.85 | 124.49 | 127.54 | 143.53 | 0.00 | 0.00 | 109.48 | 101.14 |
| - STD. DEV. | 0.00 | 9.54 | 15.15 | 17.23 | 18.91 | 28.28 | 22.64 | 25.42 | 0.00 | 0.00 | 25.62 | 23.94 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 5 | 0 | 12 | 862 | 236 | 83 | 0 | 1 |
| % AT STAGE | 0.00 | 0.42 | 0.00 | 1.00 | 71.89 | 19.68 | 6.92 | 0.00 | 0.08 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 6 | 530 | 29 | 565 |
| % | 1.06 | 93.81 | 5.13 | 100.00 |
| % SAMPLE WEIGHT | 0.11 | 24.86 | 0.13 | 25.10 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 633 | 565 | 1 | 1199 |
| % | 52.79 | 47.12 | 0.08 | 100.00 |
| MEAN WEIGHT | 96.96 | 105.84 | 89.00 | 101.14 |
| % SAMP. WT. | 50.61 | 49.31 | 0.07 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 138 - MARINA ISLAND

SAMPLE NUMBERS: 330

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 9/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 4 | 10 | 19 | 6 | 3 | 4 | 0 | 0 | 53 | 99 |
| % AT AGE | 0.00 | 0.00 | 8.70 | 21.74 | 41.30 | 13.04 | 6.52 | 8.70 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 182.00 | 192.60 | 193.89 | 203.67 | 217.00 | 218.00 | 0.00 | 0.00 | 193.81 | 195.51 |
| - STD. DEV. | 0.00 | 0.00 | 10.80 | 8.42 | 9.75 | 9.81 | 11.00 | 3.83 | 0.00 | 0.00 | 11.30 | 12.34 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 91.50 | 105.70 | 111.42 | 135.50 | 165.67 | 171.00 | 0.00 | 0.00 | 113.87 | 116.86 |
| - STD. DEV. | 0.00 | 0.00 | 19.82 | 19.07 | 23.97 | 25.36 | 16.77 | 21.53 | 0.00 | 0.00 | 25.71 | 28.60 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 82 | 13 | 4 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 82.83 | 13.13 | 4.04 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 52 | 1 | 53 |
| % | 0.00 | 98.11 | 1.89 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 27.47 | 0.03 | 27.50 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 46 | 53 | 0 | 99 |
| % | 46.46 | 53.54 | 0.00 | 100.00 |
| MEAN WEIGHT | 109.13 | 123.57 | 0.00 | 116.86 |
| % SAMP. WT. | 43.39 | 56.61 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 36, 38

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 10/81 - NOV 11/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 4 | 47 | 46 | 23 | 6 | 1 | 1 | 0 | 0 | 71 | 199 |
| % AT AGE | 0.00 | 3.13 | 36.72 | 35.94 | 17.97 | 4.69 | 0.78 | 0.78 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 161.00 | 185.57 | 199.00 | 208.96 | 218.17 | 223.00 | 234.00 | 0.00 | 0.00 | 193.01 | 194.95 |
| - STD. DEV. | 0.00 | 4.55 | 8.00 | 6.95 | 8.59 | 7.36 | 0.00 | 0.00 | 0.00 | 0.00 | 15.96 | 15.03 |
| WEIGHT - MEAN(gm) | 0.00 | 69.00 | 103.85 | 132.02 | 154.48 | 175.50 | 172.00 | 211.00 | 0.00 | 0.00 | 124.48 | 125.91 |
| - STD. DEV. | 0.00 | 5.89 | 15.46 | 16.54 | 21.80 | 8.57 | 0.00 | 0.00 | 0.00 | 0.00 | 26.70 | 28.84 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 19 | 127 | 39 | 14 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 9.55 | 63.82 | 19.60 | 7.04 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 86 | 0 | 0 | 86 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 113 | 86 | 0 | 199 |
| % | 56.78 | 43.22 | 0.00 | 100.00 |
| MEAN WEIGHT | 122.50 | 130.41 | 0.00 | 125.91 |
| % SAMP. WT. | 55.24 | 44.76 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 47, 33

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 16/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 13 | 75 | 29 | 7 | 0 | 1 | 0 | 0 | 0 | 75 | 200 |
| % AT AGE | 0.00 | 10.40 | 60.00 | 23.20 | 5.60 | 0.00 | 0.80 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 160.08 | 180.55 | 192.00 | 202.14 | 0.00 | 215.00 | 0.00 | 0.00 | 0.00 | 185.93 | 183.82 |
| - STD. DEV. | 0.00 | 5.01 | 7.56 | 8.54 | 13.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.12 | 12.72 |
| WEIGHT - MEAN(gm) | 0.00 | 69.08 | 97.91 | 121.38 | 145.29 | 0.00 | 186.00 | 0.00 | 0.00 | 0.00 | 105.72 | 104.46 |
| - STD. DEV. | 0.00 | 9.16 | 11.84 | 17.06 | 22.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 21.63 | 22.80 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 36 | 110 | 53 | 0 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.50 | 18.00 | 55.00 | 26.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 92 | 0 | 0 | 92 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 107 | 92 | 0 | 199 |
| % | 53.77 | 46.23 | 0.00 | 100.00 |
| MEAN WEIGHT | 104.61 | 104.63 | 0.00 | 104.62 |
| % SAMP. WT. | 53.76 | 46.24 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 11

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 34 DATE: FEB 16/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 2 | 14 | 18 | 20 | 3 | 2 | 3 | 0 | 0 | 36 | 98 |
| % AT AGE | 0.00 | 3.23 | 22.58 | 29.03 | 32.26 | 4.84 | 3.23 | 4.84 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 157.00 | 188.71 | 193.28 | 206.75 | 217.00 | 216.00 | 230.00 | 0.00 | 0.00 | 199.08 | 199.08 |
| - STD. DEV. | 0.00 | 1.41 | 13.66 | 9.35 | 9.12 | 14.73 | 2.83 | 7.21 | 0.00 | 0.00 | 13.49 | 15.61 |
| WEIGHT - MEAN(gm) | 0.00 | 53.50 | 94.14 | 105.39 | 137.10 | 148.67 | 148.50 | 192.67 | 0.00 | 0.00 | 121.00 | 119.81 |
| - STD. DEV. | 0.00 | 2.12 | 22.07 | 16.77 | 19.77 | 39.88 | 19.09 | 12.74 | 0.00 | 0.00 | 26.52 | 31.28 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 1 | 0 | 39 | 58 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 1.02 | 0.00 | 39.80 | 59.18 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 47 | 0 | 48 |
| % | 2.08 | 97.92 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.05 | 22.56 | 0.00 | 22.61 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 50 | 48 | 0 | 98 |
| % | 51.02 | 48.98 | 0.00 | 100.00 |
| MEAN WEIGHT | 114.80 | 125.02 | 0.00 | 119.81 |
| % SAMP. WT. | 48.89 | 51.11 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 52

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 27/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 9 | 26 | 17 | 6 | 4 | 2 | 2 | 0 | 0 | 34 | 100 |
| % AT AGE | 0.00 | 13.64 | 39.39 | 25.76 | 9.09 | 6.06 | 3.03 | 3.03 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 161.78 | 186.81 | 193.41 | 199.50 | 208.25 | 216.00 | 224.00 | 0.00 | 0.00 | 193.76 | 190.99 |
| - STD. DEV. | 0.00 | 9.47 | 8.57 | 9.34 | 7.92 | 10.87 | 5.66 | 1.41 | 0.00 | 0.00 | 16.75 | 16.65 |
| WEIGHT - MEAN(gm) | 0.00 | 54.11 | 89.31 | 97.65 | 110.50 | 138.00 | 147.00 | 145.50 | 0.00 | 0.00 | 102.35 | 97.67 |
| - STD. DEV. | 0.00 | 11.77 | 11.93 | 14.15 | 16.65 | 19.87 | 19.80 | 36.06 | 0.00 | 0.00 | 29.11 | 27.55 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 12 | 85 | 3 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 12.00 | 85.00 | 3.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 49 | 1 | 50 |
| % | 0.00 | 98.00 | 2.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 23.92 | 0.16 | 24.08 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 50 | 50 | 0 | 100 |
| % | 50.00 | 50.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 93.92 | 101.42 | 0.00 | 97.67 |
| % SAMP. WT. | 48.08 | 51.92 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 49,203, 65, 69, 67

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 28/82 - MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 38 | 96 | 91 | 60 | 23 | 29 | 14 | 1 | 1 | 131 | 484 |
| % AT AGE | 0.00 | 10.76 | 27.20 | 25.78 | 17.00 | 6.52 | 8.22 | 3.97 | 0.28 | 0.28 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 144.55 | 183.79 | 197.21 | 206.37 | 214.39 | 220.72 | 227.07 | 241.00 | 240.00 | 199.89 | 195.54 |
| - STD. DEV. | 0.00 | 11.11 | 13.43 | 10.06 | 8.91 | 9.54 | 7.11 | 13.10 | 0.00 | 0.00 | 16.11 | 22.35 |
| WEIGHT - MEAN(gm) | 0.00 | 43.53 | 90.11 | 110.33 | 126.80 | 142.61 | 165.28 | 177.43 | 163.00 | 205.00 | 122.16 | 113.39 |
| - STD. DEV. | 0.00 | 10.53 | 19.65 | 20.22 | 21.81 | 26.68 | 20.63 | 37.32 | 0.00 | 0.00 | 32.82 | 38.52 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 18 | 0 | 0 | 4 | 157 | 205 | 100 | 0 | 0 |
| % AT STAGE | 3.72 | 0.00 | 0.00 | 0.83 | 32.44 | 42.36 | 20.66 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 9 | 205 | 36 | 250 |
| % | 3.60 | 82.00 | 14.40 | 100.00 |
| % SAMPLE WEIGHT | 0.03 | 22.52 | 0.58 | 23.13 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 232 | 250 | 0 | 482 |
| % | 48.13 | 51.87 | 0.00 | 100.00 |
| MEAN WEIGHT | 108.72 | 117.78 | 0.00 | 113.41 |
| % SAMP. WT. | 46.14 | 53.86 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 143 - QUALICUM

SAMPLE NUMBERS: 57

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 15 | 13 | 21 | 9 | 8 | 2 | 1 | 0 | 31 | 100 |
| % AT AGE | 0.00 | 0.00 | 21.74 | 18.84 | 30.43 | 13.04 | 11.59 | 2.90 | 1.45 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 196.00 | 203.77 | 206.95 | 216.56 | 229.63 | 230.50 | 234.00 | 0.00 | 210.65 | 209.46 |
| - STD. DEV. | 0.00 | 0.00 | 8.31 | 6.22 | 8.41 | 9.63 | 11.81 | 10.61 | 0.00 | 0.00 | 11.51 | 13.16 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 102.27 | 114.54 | 118.52 | 144.78 | 193.25 | 180.50 | 157.00 | 0.00 | 136.68 | 131.16 |
| - STD. DEV. | 0.00 | 0.00 | 18.30 | 16.27 | 20.54 | 29.38 | 11.02 | 17.68 | 0.00 | 0.00 | 30.00 | 33.31 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 36 | 34 | 30 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 36.00 | 34.00 | 30.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 30 | 7 | 37 |
| % | 0.00 | 81.08 | 18.92 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 22.48 | 0.51 | 22.98 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 63 | 37 | 0 | 100 |
| % | 63.00 | 37.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 126.70 | 138.76 | 0.00 | 131.16 |
| % SAMP. WT. | 60.86 | 39.14 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 144 - FRENCH CREEK

SAMPLE NUMBERS: 55

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 14 | 20 | 14 | 3 | 5 | 5 | 1 | 0 | 36 | 98 |
| % AT AGE | 0.00 | 0.00 | 22.58 | 32.26 | 22.58 | 4.84 | 8.06 | 8.06 | 1.61 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 194.43 | 204.80 | 210.86 | 215.33 | 221.80 | 224.40 | 230.00 | 0.00 | 211.00 | 208.91 |
| - STD. DEV. | 0.00 | 0.00 | 3.32 | 9.79 | 7.76 | 0.58 | 12.79 | 7.70 | 0.00 | 0.00 | 16.70 | 14.17 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 86.43 | 100.00 | 108.36 | 116.33 | 125.00 | 139.20 | 140.00 | 0.00 | 110.50 | 107.30 |
| - STD. DEV. | 0.00 | 0.00 | 6.21 | 11.45 | 12.49 | 11.93 | 18.59 | 9.34 | 0.00 | 0.00 | 25.96 | 21.81 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 0 | 0 | 98 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 0 | 28 | 28 |
| % | 0.00 | 0.00 | 100.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 5.45 | 5.45 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 70 | 28 | 0 | 98 |
| % | 71.43 | 28.57 | 0.00 | 100.00 |
| MEAN WEIGHT | 109.30 | 102.29 | 0.00 | 107.30 |
| % SAMP. WT. | 72.76 | 27.24 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 144 - FRENCH CREEK

SAMPLE NUMBERS: 61, 48

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 7/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 3 | 42 | 43 | 31 | 13 | 12 | 5 | 3 | 0 | 47 | 199 |
| % AT AGE | 0.00 | 1.97 | 27.63 | 28.29 | 20.39 | 8.55 | 7.89 | 3.29 | 1.97 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 163.67 | 191.19 | 198.09 | 204.16 | 217.92 | 228.17 | 225.00 | 233.67 | 0.00 | 200.13 | 201.86 |
| - STD. DEV. | 0.00 | 15.95 | 8.73 | 9.03 | 8.63 | 9.12 | 10.47 | 5.61 | 8.08 | 0.00 | 15.88 | 16.02 |
| WEIGHT - MEAN(gm) | 0.00 | 69.67 | 86.83 | 99.33 | 106.03 | 127.00 | 138.42 | 132.80 | 148.33 | 0.00 | 100.49 | 103.31 |
| - STD. DEV. | 0.00 | 26.76 | 12.67 | 13.94 | 13.69 | 12.83 | 17.92 | 4.55 | 9.50 | 0.00 | 22.52 | 22.42 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 4 | 11 | 184 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 2.01 | 5.53 | 92.46 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 10 | 87 | 97 |
| % | 0.00 | 10.31 | 89.69 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 2.60 | 3.96 | 6.56 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 102 | 97 | 0 | 199 |
| % | 51.26 | 48.74 | 0.00 | 100.00 |
| MEAN WEIGHT | 99.38 | 107.43 | 0.00 | 103.31 |
| % SAMP. WT. | 49.31 | 50.69 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 152 - LUND

SAMPLE NUMBERS: 4, 18, 2

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 23/82 - FEB 27/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 35 | 31 | 30 | 44 | 48 | 14 | 10 | 5 | 2 | 1 | 75 | 295 |
| % AT AGE | 15.91 | 14.09 | 13.64 | 20.00 | 21.82 | 6.36 | 4.55 | 2.27 | 0.91 | 0.45 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 86.20 | 133.68 | 176.93 | 192.77 | 197.67 | 207.14 | 205.50 | 223.60 | 228.50 | 234.00 | 151.33 | 164.59 |
| - STD. DEV. | 7.24 | 15.85 | 10.54 | 9.36 | 8.29 | 9.66 | 11.32 | 6.35 | 21.92 | 0.00 | 56.18 | 48.04 |
| WEIGHT - MEAN(gm) | 8.66 | 32.23 | 80.40 | 107.82 | 114.71 | 132.64 | 137.70 | 173.60 | 167.50 | 198.00 | 69.61 | 80.75 |
| - STD. DEV. | 2.22 | 13.39 | 13.58 | 16.42 | 13.95 | 16.74 | 16.92 | 11.33 | 41.72 | 0.00 | 55.96 | 51.03 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 13 | 2 | 72 | 23 | 49 | 136 | 0 | 0 | 0 |
| % AT STAGE | 4.41 | 0.68 | 24.41 | 7.80 | 16.61 | 46.10 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 15 | 105 | 0 | 120 |
| % | 12.50 | 87.50 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.87 | 19.36 | 0.00 | 20.24 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 104 | 120 | 71 | 295 |
| % | 35.25 | 40.68 | 24.07 | 100.00 |
| MEAN WEIGHT | 97.46 | 108.10 | 10.03 | 80.75 |
| % SAMP. WT. | 42.55 | 54.46 | 2.99 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 152 - LUND

SAMPLE NUMBERS: 322, 1,102, 99,100

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 28/82 - MAR 5/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 3 | 96 | 110 | 125 | 26 | 30 | 7 | 3 | 0 | 99 | 499 |
| % AT AGE | 0.00 | 0.75 | 24.00 | 27.50 | 31.25 | 6.50 | 7.50 | 1.75 | 0.75 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 157.00 | 180.34 | 192.03 | 198.59 | 205.12 | 208.77 | 216.00 | 224.67 | 0.00 | 199.10 | 194.84 |
| - STD. DEV. | 0.00 | 4.36 | 9.41 | 10.15 | 8.47 | 9.85 | 12.03 | 3.74 | 9.50 | 0.00 | 16.11 | 14.46 |
| WEIGHT - MEAN(gm) | 0.00 | 58.67 | 83.92 | 103.78 | 115.10 | 129.77 | 140.23 | 145.86 | 176.33 | 0.00 | 121.09 | 110.53 |
| - STD. DEV. | 0.00 | 11.15 | 13.46 | 17.38 | 17.44 | 23.04 | 27.23 | 16.85 | 18.23 | 0.00 | 28.63 | 26.82 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 1 | 0 | 1 | 237 | 225 | 34 | 0 | 1 |
| % AT STAGE | 0.00 | 0.20 | 0.00 | 0.20 | 47.49 | 45.09 | 6.81 | 0.00 | 0.20 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 2 | 244 | 12 | 258 |
| % | 0.78 | 94.57 | 4.65 | 100.00 |
| % SAMPLE WEIGHT | 0.03 | 23.04 | 0.14 | 23.21 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 240 | 258 | 1 | 499 |
| % | 48.10 | 51.70 | 0.20 | 100.00 |
| MEAN WEIGHT | 109.67 | 111.52 | 62.00 | 110.53 |
| % SAMP. WT. | 47.72 | 52.17 | 0.11 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 152 - LUND

SAMPLE NUMBERS: 204,185

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 19/82 - MAR 20/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 2 | 42 | 46 | 35 | 10 | 8 | 8 | 4 | 1 | 43 | 199 |
| % AT AGE | 0.00 | 1.28 | 26.92 | 29.49 | 22.44 | 6.41 | 5.13 | 5.13 | 2.56 | 0.64 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 140.50 | 179.24 | 189.98 | 197.46 | 199.30 | 212.88 | 215.00 | 229.00 | 237.00 | 201.00 | 194.33 |
| - STD. DEV. | 0.00 | 3.54 | 11.56 | 9.64 | 9.48 | 12.36 | 8.37 | 7.37 | 8.29 | 0.00 | 17.62 | 17.37 |
| WEIGHT - MEAN(gm) | 0.00 | 41.00 | 72.79 | 85.65 | 97.43 | 101.70 | 124.38 | 130.13 | 152.00 | 161.00 | 105.86 | 94.79 |
| - STD. DEV. | 0.00 | 11.31 | 13.25 | 14.53 | 21.72 | 23.56 | 21.63 | 13.60 | 15.66 | 0.00 | 28.01 | 27.20 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 1 | 0 | 5 | 6 | 187 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.50 | 0.00 | 2.51 | 3.02 | 93.97 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 4 | 32 | 36 |
| % | 0.00 | 11.11 | 88.89 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 2.57 | 2.28 | 4.85 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 162 | 36 | 1 | 199 |
| % | 81.41 | 18.09 | 0.50 | 100.00 |
| MEAN WEIGHT | 96.84 | 86.42 | 64.00 | 94.79 |
| % SAMP. WT. | 83.17 | 16.49 | 0.34 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 162 - STILLWATER

SAMPLE NUMBERS: 125,109

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 28/82 - MAR 2/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 54 | 42 | 42 | 6 | 13 | 8 | 2 | 0 | 30 | 198 |
| % AT AGE | 0.00 | 0.60 | 32.14 | 25.00 | 25.00 | 3.57 | 7.74 | 4.76 | 1.19 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 184.00 | 181.54 | 187.45 | 197.02 | 205.50 | 203.54 | 210.75 | 210.00 | 0.00 | 195.60 | 191.86 |
| - STD. DEV. | 0.00 | 0.00 | 7.79 | 7.75 | 7.25 | 10.80 | 8.20 | 12.68 | 1.41 | 0.00 | 15.97 | 12.81 |
| WEIGHT - MEAN(gm) | 0.00 | 81.00 | 84.57 | 97.17 | 116.88 | 135.50 | 131.23 | 144.25 | 138.00 | 0.00 | 115.00 | 106.25 |
| - STD. DEV | 0.00 | 0.00 | 12.68 | 17.42 | 19.88 | 32.88 | 19.65 | 28.13 | 9.90 | 0.00 | 36.72 | 28.08 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 112 | 86 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 56.57 | 43.43 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 114 | 0 | 114 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 24.16 | 0.00 | 24.16 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 84 | 114 | 0 | 198 |
| % | 42.42 | 57.58 | 0.00 | 100.00 |
| MEAN WEIGHT | 103.35 | 108.39 | 0.00 | 106.25 |
| % SAMP. WT. | 41.27 | 58.73 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 54,118,134,129,132

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 9/81 - NOV 10/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 80 | 113 | 89 | 31 | 13 | 12 | 1 | 0 | 0 | 158 | 497 |
| % AT AGE | 0.00 | 23.60 | 33.33 | 26.25 | 9.14 | 3.83 | 3.54 | 0.29 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 154.48 | 179.86 | 195.74 | 208.19 | 214.69 | 224.83 | 230.00 | 0.00 | 0.00 | 188.80 | 185.33 |
| - STD. DEV. | 0.00 | 9.23 | 8.77 | 8.49 | 10.20 | 7.63 | 9.48 | 0.00 | 0.00 | 0.00 | 16.60 | 20.53 |
| WEIGHT - MEAN(gm) | 0.00 | 58.76 | 95.57 | 126.37 | 146.29 | 163.46 | 190.42 | 204.00 | 0.00 | 0.00 | 112.76 | 108.07 |
| - STD. DEV. | 0.00 | 9.94 | 15.88 | 19.06 | 23.81 | 15.05 | 19.84 | 0.00 | 0.00 | 0.00 | 30.54 | 36.47 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 21 | 73 | 265 | 129 | 9 | 0 | 0 | 0 | 0 |
| % AT STAGE | 4.23 | 14.69 | 53.32 | 25.96 | 1.81 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 234 | 0 | 0 | 234 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 260 | 234 | 3 | 497 |
| % | 52.31 | 47.08 | 0.60 | 100.00 |
| MEAN WEIGHT | 105.99 | 110.88 | 69.67 | 108.07 |
| % SAMP. WT. | 51.31 | 48.31 | 0.39 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 122, 65,116,135, 16,119, 80, 59,120, 17

SOURCE: RESEARCH - INSHORE
FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 22/81 - NOV 24/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 40 | 222 | 199 | 101 | 44 | 24 | 8 | 1 | 1 | 352 | 992 |
| % AT AGE | 0.00 | 6.25 | 34.69 | 31.09 | 15.78 | 6.88 | 3.75 | 1.25 | 0.16 | 0.16 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 161.05 | 182.18 | 195.29 | 206.92 | 220.18 | 227.33 | 228.00 | 210.00 | 231.00 | 189.77 | 192.39 |
| - STD. DEV. | 0.00 | 7.01 | 8.55 | 8.41 | 10.26 | 8.90 | 9.97 | 7.19 | 0.00 | 0.00 | 18.61 | 18.34 |
| WEIGHT - MEAN(gm) | 0.00 | 68.30 | 99.43 | 123.75 | 145.51 | 176.30 | 191.75 | 192.38 | 148.00 | 174.00 | 114.93 | 119.76 |
| - STD. DEV. | 0.00 | 9.81 | 14.72 | 17.70 | 20.49 | 27.03 | 27.56 | 16.26 | 0.00 | 0.00 | 33.50 | 34.61 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 4 | 116 | 583 | 266 | 23 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.40 | 11.69 | 58.77 | 26.81 | 2.32 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 500 | 0 | 0 | 500 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 491 | 500 | 0 | 991 |
| % | 49.55 | 50.45 | 0.00 | 100.00 |
| MEAN WEIGHT | 114.83 | 124.55 | 0.00 | 119.74 |
| % SAMP. WT. | 47.52 | 52.48 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 42, 29, 45, 11

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 23 DATE: NOV 30/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 9 | 106 | 83 | 40 | 24 | 17 | 4 | 0 | 0 | 116 | 399 |
| % AT AGE | 0.00 | 3.18 | 37.46 | 29.33 | 14.13 | 8.48 | 6.01 | 1.41 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 167.22 | 182.93 | 196.43 | 207.65 | 219.17 | 226.82 | 229.00 | 0.00 | 0.00 | 196.20 | 196.23 |
| - STD. DEV. | 0.00 | 4.87 | 7.46 | 9.78 | 8.84 | 5.84 | 8.27 | 3.83 | 0.00 | 0.00 | 17.27 | 17.18 |
| WEIGHT - MEAN(gm) | 0.00 | 74.78 | 99.08 | 123.40 | 152.02 | 176.42 | 194.29 | 193.50 | 0.00 | 0.00 | 127.64 | 126.85 |
| - STD. DEV. | 0.00 | 8.79 | 13.99 | 21.02 | 21.62 | 15.15 | 19.11 | 9.26 | 0.00 | 0.00 | 35.74 | 36.17 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 3 | 12 | 190 | 137 | 57 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.75 | 3.01 | 47.62 | 34.34 | 14.29 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 181 | 6 | 0 | 187 |
| % | 96.79 | 3.21 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 212 | 187 | 0 | 399 |
| % | 53.13 | 46.87 | 0.00 | 100.00 |
| MEAN WEIGHT | 123.72 | 130.41 | 0.00 | 126.85 |
| % SAMP. WT. | 51.82 | 48.18 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 136

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 30 DATE: JAN 19/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 8 | 22 | 21 | 11 | 6 | 1 | 1 | 0 | 30 | 100 |
| % AT AGE | 0.00 | 0.00 | 11.43 | 31.43 | 30.00 | 15.71 | 8.57 | 1.43 | 1.43 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 188.88 | 201.59 | 210.67 | 217.73 | 220.00 | 234.00 | 235.00 | 0.00 | 205.77 | 207.27 |
| - STD. DEV. | 0.00 | 0.00 | 13.02 | 6.17 | 7.96 | 7.99 | 3.63 | 0.00 | 0.00 | 0.00 | 12.69 | 12.72 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 107.00 | 126.09 | 144.14 | 153.00 | 167.33 | 181.00 | 199.00 | 0.00 | 133.37 | 137.25 |
| - STD. DEV. | 0.00 | 0.00 | 19.95 | 16.46 | 13.34 | 15.40 | 15.31 | 0.00 | 0.00 | 0.00 | 26.85 | 25.00 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 28 | 70 | 2 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 28.00 | 70.00 | 2.00 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 42 | 0 | 0 | 42 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 58 | 42 | 0 | 100 |
| % | 58.00 | 42.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 134.91 | 140.48 | 0.00 | 137.25 |
| % SAMP. WT. | 57.01 | 42.99 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 68, 6

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 34 DATE: FEB 17/82 - FEB 19/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 4 | 19 | 29 | 23 | 6 | 6 | 1 | 1 | 0 | 110 | 199 |
| % AT AGE | 0.00 | 4.49 | 21.35 | 32.58 | 25.84 | 6.74 | 6.74 | 1.12 | 1.12 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 166.25 | 183.84 | 200.28 | 204.87 | 213.67 | 223.17 | 222.00 | 231.00 | 0.00 | 198.16 | 198.74 |
| - STD. DEV. | 0.00 | 8.22 | 10.90 | 9.02 | 7.88 | 9.77 | 8.59 | 0.00 | 0.00 | 0.00 | 17.03 | 16.57 |
| WEIGHT - MEAN(gm) | 0.00 | 64.50 | 91.32 | 119.93 | 130.26 | 144.83 | 169.00 | 175.00 | 181.00 | 0.00 | 117.45 | 118.72 |
| - STD. DEV. | 0.00 | 11.09 | 18.67 | 14.99 | 18.31 | 21.59 | 25.23 | 0.00 | 0.00 | 0.00 | 33.36 | 32.00 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 0 | 1 | 0 | 84 | 112 | 1 | 0 | 0 |
| % AT STAGE | 0.50 | 0.00 | 0.50 | 0.00 | 42.21 | 56.28 | 0.50 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 94 | 0 | 95 |
| % | 1.05 | 98.95 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.03 | 19.92 | 0.00 | 19.96 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 103 | 95 | 0 | 198 |
| % | 52.02 | 47.98 | 0.00 | 100.00 |
| MEAN WEIGHT | 114.76 | 122.84 | 0.00 | 118.64 |
| % SAMP. WT. | 50.32 | 49.68 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 9, 10, 3

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 22/82 - FEB 27/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 22 | 59 | 53 | 33 | 4 | 10 | 3 | 3 | 0 | 110 | 297 |
| % AT AGE | 0.00 | 11.76 | 31.55 | 28.34 | 17.65 | 2.14 | 5.35 | 1.60 | 1.60 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 164.23 | 190.90 | 204.15 | 209.85 | 221.25 | 229.00 | 243.00 | 240.00 | 0.00 | 196.96 | 198.35 |
| - STD. DEV. | 0.00 | 12.21 | 10.95 | 10.86 | 9.84 | 12.61 | 8.12 | 2.65 | 2.65 | 0.00 | 16.84 | 19.21 |
| WEIGHT - MEAN(gm) | 0.00 | 61.14 | 96.49 | 121.57 | 130.45 | 164.50 | 168.20 | 194.67 | 189.67 | 0.00 | 107.52 | 111.47 |
| - STD. DEV. | 0.00 | 14.94 | 18.39 | 17.11 | 17.17 | 34.72 | 20.01 | 12.22 | 3.51 | 0.00 | 28.91 | 32.78 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 6 | 2 | 0 | 2 | 71 | 215 | 1 | 0 | 0 |
| % AT STAGE | 2.02 | 0.67 | 0.00 | 0.67 | 23.91 | 72.39 | 0.34 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 7 | 162 | 1 | 170 |
| % | 4.12 | 95.29 | 0.59 | 100.00 |
| % SAMPLE WEIGHT | 0.09 | 18.66 | 0.00 | 18.75 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 127 | 170 | 0 | 297 |
| % | 42.76 | 57.24 | 0.00 | 100.00 |
| MEAN WEIGHT | 108.00 | 114.06 | 0.00 | 111.47 |
| % SAMP. WT. | 41.43 | 58.57 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 66, 51, 56

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 2/82 - MAR 4/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 21 | 92 | 46 | 30 | 5 | 6 | 8 | 0 | 0 | 92 | 300 |
| % AT AGE | 0.00 | 10.10 | 44.23 | 22.12 | 14.42 | 2.40 | 2.88 | 3.85 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 165.43 | 186.64 | 199.13 | 203.53 | 214.00 | 222.50 | 232.00 | 0.00 | 0.00 | 190.20 | 192.23 |
| - STD. DEV. | 0.00 | 12.31 | 10.23 | 8.00 | 7.40 | 9.75 | 6.60 | 7.73 | 0.00 | 0.00 | 17.19 | 17.33 |
| WEIGHT - MEAN(gm) | 0.00 | 63.05 | 95.39 | 115.83 | 131.23 | 147.40 | 165.67 | 195.38 | 0.00 | 0.00 | 103.21 | 107.18 |
| - STD. DEV. | 0.00 | 15.40 | 17.68 | 16.31 | 15.31 | 21.41 | 11.52 | 19.46 | 0.00 | 0.00 | 27.33 | 31.24 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 0 | 0 | 0 | 147 | 148 | 4 | 0 | 0 |
| % AT STAGE | 0.33 | 0.00 | 0.00 | 0.00 | 49.00 | 49.33 | 1.33 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 154 | 0 | 155 |
| % | 0.65 | 99.35 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.01 | 23.53 | 0.00 | 23.54 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 145 | 155 | 0 | 300 |
| % | 48.33 | 51.67 | 0.00 | 100.00 |
| MEAN WEIGHT | 102.72 | 111.35 | 0.00 | 107.18 |
| % SAMP. WT. | 46.32 | 53.68 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 205, 64,182

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 7/82 - MAR 11/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 27 | 91 | 58 | 30 | 2 | 3 | 0 | 0 | 0 | 82 | 293 |
| % AT AGE | 0.00 | 12.80 | 43.13 | 27.49 | 14.22 | 0.95 | 1.42 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 166.56 | 183.79 | 191.48 | 200.43 | 215.50 | 229.33 | 0.00 | 0.00 | 0.00 | 184.44 | 186.29 |
| - STD. DEV. | 0.00 | 9.60 | 10.67 | 11.62 | 12.07 | 10.61 | 4.04 | 0.00 | 0.00 | 0.00 | 15.95 | 15.65 |
| WEIGHT - MEAN(gm) | 0.00 | 66.59 | 85.27 | 99.00 | 114.90 | 153.50 | 157.67 | 0.00 | 0.00 | 0.00 | 89.17 | 91.60 |
| - STD. DEV. | 0.00 | 14.41 | 18.02 | 23.31 | 26.09 | 21.92 | 28.92 | 0.00 | 0.00 | 0.00 | 26.95 | 26.66 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 2 | 134 | 98 | 59 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.68 | 45.73 | 33.45 | 20.14 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 2 | 127 | 3 | 132 |
| % | 1.52 | 96.21 | 2.27 | 100.00 |
| % SAMPLE WEIGHT | 0.10 | 22.26 | 0.12 | 22.48 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 161 | 132 | 0 | 293 |
| % | 54.95 | 45.05 | 0.00 | 100.00 |
| MEAN WEIGHT | 84.99 | 99.67 | 0.00 | 91.60 |
| % SAMP. WT. | 50.98 | 49.02 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 172 - NANOOSE BAY

SAMPLE NUMBERS: 16

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 34 DATE: FEB 16/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 7 | 18 | 11 | 11 | 3 | 8 | 0 | 0 | 0 | 40 | 98 |
| % AT AGE | 0.00 | 12.07 | 31.03 | 18.97 | 18.97 | 5.17 | 13.79 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 155.29 | 186.78 | 197.45 | 209.09 | 216.67 | 220.13 | 0.00 | 0.00 | 0.00 | 197.15 | 196.10 |
| - STD. DEV. | 0.00 | 10.09 | 7.97 | 7.38 | 11.39 | 1.53 | 8.68 | 0.00 | 0.00 | 0.00 | 16.03 | 19.03 |
| WEIGHT - MEAN(gm) | 0.00 | 51.29 | 96.50 | 106.82 | 134.91 | 149.67 | 162.13 | 0.00 | 0.00 | 0.00 | 112.65 | 112.32 |
| - STD. DEV. | 0.00 | 8.96 | 14.08 | 12.32 | 19.34 | 9.07 | 23.04 | 0.00 | 0.00 | 0.00 | 29.67 | 33.35 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 1 | 0 | 1 | 14 | 81 | 0 | 0 | 0 |
| % AT STAGE | 1.02 | 1.02 | 0.00 | 1.02 | 14.29 | 82.65 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 2 | 51 | 0 | 53 |
| % | 3.77 | 96.23 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.08 | 19.35 | 0.00 | 19.43 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 45 | 53 | 0 | 98 |
| % | 45.92 | 54.08 | 0.00 | 100.00 |
| MEAN WEIGHT | 105.84 | 117.81 | 0.00 | 112.32 |
| % SAMP. WT. | 43.27 | 56.73 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 172 - NANOOSE BAY

SAMPLE NUMBERS: 63, 15, 17

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 21/82 - FEB 27/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 39 | 89 | 38 | 20 | 5 | 9 | 2 | 2 | 0 | 95 | 299 |
| % AT AGE | 0.00 | 19.12 | 43.63 | 18.63 | 9.80 | 2.45 | 4.41 | 0.98 | 0.98 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 160.79 | 184.27 | 197.24 | 209.80 | 221.80 | 220.44 | 229.50 | 235.00 | 0.00 | 189.60 | 188.62 |
| - STD. DEV. | 0.00 | 8.35 | 9.53 | 7.63 | 7.43 | 12.32 | 9.19 | 9.19 | 1.41 | 0.00 | 15.38 | 18.63 |
| WEIGHT - MEAN(gm) | 0.00 | 62.33 | 96.79 | 117.79 | 144.05 | 174.00 | 163.78 | 201.50 | 196.50 | 0.00 | 103.67 | 104.99 |
| - STD. DEV. | 0.00 | 16.01 | 23.46 | 22.41 | 19.63 | 32.45 | 21.72 | 23.33 | 2.12 | 0.00 | 29.95 | 35.76 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 4 | 7 | 28 | 103 | 157 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 1.34 | 2.34 | 9.36 | 34.45 | 52.51 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 17 | 146 | 0 | 163 |
| % | 10.43 | 89.57 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.79 | 22.73 | 0.00 | 23.52 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 136 | 163 | 0 | 299 |
| % | 45.48 | 54.52 | 0.00 | 100.00 |
| MEAN WEIGHT | 99.32 | 109.72 | 0.00 | 104.99 |
| % SAMP. WT. | 43.03 | 56.97 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 172 - NANOOSE BAY

SAMPLE NUMBERS: 54, 60, 47, 50, 58

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 28/82 - MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 49 | 170 | 63 | 40 | 6 | 5 | 6 | 1 | 0 | 156 | 496 |
| % AT AGE | 0.00 | 14.41 | 50.00 | 18.53 | 11.76 | 1.76 | 1.47 | 1.76 | 0.29 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 160.29 | 181.11 | 194.05 | 200.30 | 217.50 | 218.40 | 226.50 | 230.00 | 0.00 | 191.34 | 186.93 |
| - STD. DEV. | 0.00 | 8.77 | 9.80 | 11.79 | 8.51 | 7.12 | 5.59 | 13.71 | 0.00 | 0.00 | 49.56 | 31.43 |
| WEIGHT - MEAN(gm) | 0.00 | 59.43 | 86.69 | 108.06 | 120.00 | 156.83 | 154.80 | 184.17 | 206.00 | 0.00 | 100.35 | 96.65 |
| - STD. DEV. | 0.00 | 9.90 | 16.65 | 21.37 | 20.74 | 18.81 | 8.87 | 25.93 | 0.00 | 0.00 | 32.50 | 31.12 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 4 | 0 | 6 | 4 | 170 | 304 | 8 | 0 | 0 |
| % AT STAGE | 0.81 | 0.00 | 1.21 | 0.81 | 34.27 | 61.29 | 1.61 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 10 | 260 | 2 | 272 |
| % | 3.68 | 95.59 | 0.74 | 100.00 |
| % SAMPLE WEIGHT | 0.24 | 22.85 | 0.03 | 23.11 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 224 | 272 | 0 | 496 |
| % | 45.16 | 54.84 | 0.00 | 100.00 |
| MEAN WEIGHT | 90.76 | 101.50 | 0.00 | 96.65 |
| % SAMP. WT. | 42.41 | 57.59 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 50, 51, 34, 37,128,131

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 9/81 - NOV 12/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 2 | 75 | 169 | 95 | 44 | 19 | 6 | 2 | 0 | 0 | 185 | 597 |
| % AT AGE | 0.49 | 18.20 | 41.02 | 23.06 | 10.68 | 4.61 | 1.46 | 0.49 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 101.00 | 147.45 | 181.86 | 195.74 | 206.93 | 215.58 | 226.33 | 229.00 | 0.00 | 0.00 | 187.84 | 184.85 |
| - STD. DEV. | 5.66 | 14.46 | 7.92 | 8.57 | 7.89 | 7.27 | 7.55 | 4.24 | 0.00 | 0.00 | 20.76 | 22.56 |
| WEIGHT - MEAN(gm) | 15.50 | 54.35 | 99.85 | 126.41 | 151.82 | 179.89 | 198.50 | 213.00 | 0.00 | 0.00 | 115.29 | 110.61 |
| - STD. DEV. | 2.12 | 14.41 | 14.81 | 19.23 | 17.16 | 20.50 | 24.42 | 12.73 | 0.00 | 0.00 | 35.70 | 38.44 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 30 | 84 | 311 | 152 | 15 | 0 | 0 | 0 | 5 |
| % AT STAGE | 5.03 | 14.07 | 52.09 | 25.46 | 2.51 | 0.00 | 0.00 | 0.00 | 0.84 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 305 | 0 | 0 | 305 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 287 | 305 | 5 | 597 |
| % | 48.07 | 51.09 | 0.84 | 100.00 |
| MEAN WEIGHT | 108.05 | 114.44 | 24.00 | 110.61 |
| % SAMP. WT. | 46.96 | 52.86 | 0.18 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 133,112,111, 27, 3, 91,114, 69,101, 18, 107, 71,106,127

SOURCE: RESEARCH - INSHORE
FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 16/81 - NOV 21/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 24 | 300 | 283 | 173 | 49 | 43 | 8 | 1 | 0 | 463 | 1344 |
| % AT AGE | 0.00 | 2.72 | 34.05 | 32.12 | 19.64 | 5.56 | 4.88 | 0.91 | 0.11 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 163.88 | 184.90 | 197.38 | 208.72 | 215.47 | 222.19 | 229.00 | 216.00 | 0.00 | 196.63 | 196.85 |
| - STD. DEV. | 0.00 | 8.54 | 8.77 | 8.36 | 8.24 | 11.34 | 7.33 | 7.86 | 0.00 | 0.00 | 14.43 | 15.14 |
| WEIGHT - MEAN(gm) | 0.00 | 74.21 | 105.31 | 130.02 | 154.71 | 172.02 | 184.09 | 204.38 | 173.00 | 0.00 | 128.90 | 130.03 |
| - STD. DEV. | 0.00 | 12.36 | 15.62 | 17.26 | 19.78 | 27.34 | 19.03 | 22.05 | 0.00 | 0.00 | 30.03 | 31.36 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 2 | 69 | 735 | 477 | 60 | 1 | 0 | 0 | 0 |
| % AT STAGE | 0.15 | 5.13 | 54.69 | 35.49 | 4.46 | 0.07 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 630 | 4 | 0 | 634 |
| % | 99.37 | 0.63 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 710 | 634 | 0 | 1344 |
| % | 52.83 | 47.17 | 0.00 | 100.00 |
| MEAN WEIGHT | 129.07 | 131.11 | 0.00 | 130.03 |
| % SAMP. WT. | 52.44 | 47.56 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 74, 5, 49, 13, 14, 75,130

SOURCE: FOOD FISHERY
OTHER
RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 22/81 - NOV 24/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 23 | 215 | 156 | 52 | 19 | 13 | 5 | 0 | 1 | 198 | 682 |
| % AT AGE | 0.00 | 4.75 | 44.42 | 32.23 | 10.74 | 3.93 | 2.69 | 1.03 | 0.00 | 0.21 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 160.91 | 183.83 | 197.01 | 209.37 | 220.89 | 227.46 | 234.00 | 0.00 | 232.00 | 193.58 | 193.15 |
| - STD. DEV. | 0.00 | 7.35 | 8.97 | 8.57 | 6.96 | 8.21 | 7.38 | 13.82 | 0.00 | 0.00 | 14.88 | 16.12 |
| WEIGHT - MEAN(gm) | 0.00 | 68.09 | 101.93 | 125.40 | 148.00 | 181.00 | 189.15 | 203.00 | 0.00 | 203.00 | 120.93 | 119.94 |
| - STD. DEV. | 0.00 | 9.01 | 15.81 | 17.23 | 17.99 | 21.79 | 18.62 | 26.05 | 0.00 | 0.00 | 28.55 | 30.79 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 2 | 118 | 363 | 170 | 29 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.29 | 17.30 | 53.23 | 24.93 | 4.25 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 340 | 0 | 0 | 340 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 341 | 340 | 0 | 681 |
| % | 50.07 | 49.93 | 0.00 | 100.00 |
| MEAN WEIGHT | 115.91 | 124.16 | 0.00 | 120.03 |
| % SAMP. WT. | 48.35 | 51.65 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 121,138,123, 28, 15, 44, 39, 43, 8

SOURCE: RESEARCH - INSHORE
FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 23 DATE: NOV 29/81 - DEC 2/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 36 | 274 | 204 | 74 | 18 | 7 | 2 | 0 | 0 | 274 | 889 |
| % AT AGE | 0.00 | 5.85 | 44.55 | 33.17 | 12.03 | 2.93 | 1.14 | 0.33 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 160.33 | 184.11 | 195.30 | 207.11 | 216.06 | 228.14 | 219.00 | 0.00 | 0.00 | 190.03 | 190.52 |
| - STD. DEV. | 0.00 | 8.16 | 8.32 | 8.58 | 10.02 | 8.02 | 8.71 | 16.97 | 0.00 | 0.00 | 16.49 | 15.46 |
| WEIGHT - MEAN(gm) | 0.00 | 66.31 | 102.07 | 122.90 | 145.24 | 162.39 | 191.86 | 179.50 | 0.00 | 0.00 | 114.15 | 114.82 |
| - STD. DEV. | 0.00 | 9.81 | 15.45 | 17.53 | 21.12 | 19.23 | 13.15 | 45.96 | 0.00 | 0.00 | 30.98 | 28.81 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 3 | 82 | 499 | 272 | 32 | 1 | 0 | 0 | 0 |
| % AT STAGE | 0.34 | 9.22 | 56.13 | 30.60 | 3.60 | 0.11 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 465 | 1 | 0 | 466 |
| % | 99.79 | 0.21 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 423 | 466 | 0 | 889 |
| % | 47.58 | 52.42 | 0.00 | 100.00 |
| MEAN WEIGHT | 110.99 | 118.30 | 0.00 | 114.82 |
| % SAMP. WT. | 45.99 | 54.01 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 125,124

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 7/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 6 | 64 | 40 | 6 | 1 | 1 | 0 | 0 | 0 | 81 | 199 |
| % AT AGE | 0.00 | 5.08 | 54.24 | 33.90 | 5.08 | 0.85 | 0.85 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 157.50 | 182.55 | 195.82 | 203.67 | 214.00 | 222.00 | 0.00 | 0.00 | 0.00 | 187.33 | 187.40 |
| - STD. DEV. | 0.00 | 12.08 | 8.06 | 8.11 | 9.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.93 | 13.58 |
| WEIGHT - MEAN(gm) | 0.00 | 63.33 | 99.56 | 129.90 | 137.17 | 157.00 | 149.00 | 0.00 | 0.00 | 0.00 | 110.01 | 110.49 |
| - STD. DEV. | 0.00 | 14.29 | 16.47 | 16.89 | 24.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 26.82 | 25.99 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 11 | 116 | 67 | 5 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 5.53 | 58.29 | 33.67 | 2.51 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 98 | 0 | 0 | 98 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | INMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 101 | 98 | 0 | 199 |
| % | 50.75 | 49.25 | 0.00 | 100.00 |
| MEAN WEIGHT | 106.50 | 114.60 | 0.00 | 110.49 |
| % SAMP. WT. | 48.92 | 51.08 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 126

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 25 DATE: DEC 14/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 3 | 35 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 42 | 100 |
| % AT AGE | 0.00 | 5.17 | 60.34 | 25.86 | 8.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 151.67 | 178.20 | 191.53 | 205.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 178.98 | 181.11 |
| - STD. DEV. | 0.00 | 6.35 | 8.57 | 11.18 | 7.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.76 | 15.08 |
| WEIGHT - MEAN(gm) | 0.00 | 61.67 | 95.14 | 120.73 | 144.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 95.93 | 100.79 |
| - STD. DEV. | 0.00 | 4.04 | 15.45 | 20.32 | 20.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 23.75 | 24.84 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 32 | 61 | 7 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 32.00 | 61.00 | 7.00 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 47 | 0 | 0 | 47 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 53 | 47 | 0 | 100 |
| % | 53.00 | 47.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 95.25 | 107.04 | 0.00 | 100.79 |
| % SAMP. WT. | 50.08 | 49.92 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 137

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 31 DATE: JAN 29/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 10 | 26 | 16 | 9 | 2 | 2 | 1 | 0 | 0 | 34 | 100 |
| % AT AGE | 0.00 | 15.15 | 39.39 | 24.24 | 13.64 | 3.03 | 3.03 | 1.52 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 151.30 | 178.31 | 201.81 | 206.89 | 227.50 | 236.50 | 231.00 | 0.00 | 0.00 | 192.50 | 189.44 |
| - STD. DEV. | 0.00 | 8.49 | 8.42 | 8.38 | 7.99 | 3.54 | 2.12 | 0.00 | 0.00 | 0.00 | 19.96 | 22.36 |
| WEIGHT - MEAN(gm) | 0.00 | 50.50 | 81.38 | 114.94 | 124.89 | 172.50 | 188.00 | 183.00 | 0.00 | 0.00 | 101.24 | 99.30 |
| - STD. DEV. | 0.00 | 8.38 | 12.63 | 19.18 | 15.15 | 4.95 | 7.07 | 0.00 | 0.00 | 0.00 | 30.43 | 34.55 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 1 | 6 | 93 | 0 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 1.00 | 6.00 | 93.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 46 | 0 | 0 | 46 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 54 | 46 | 0 | 100 |
| % | 54.00 | 46.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 92.00 | 107.87 | 0.00 | 99.30 |
| % SAMP. WT. | 50.03 | 49.97 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 318, 40,222, 45, 43,209, 42, 41,187, 46, 190, 39, 38,220, 37, 44

SOURCE: ROE FISHERY
PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 7/82 - MAR 8/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 55 | 394 | 207 | 199 | 51 | 48 | 26 | 3 | 1 | 600 | 1584 |
| % AT AGE | 0.00 | 5.59 | 40.04 | 21.04 | 20.22 | 5.18 | 4.88 | 2.64 | 0.30 | 0.10 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 169.49 | 187.01 | 196.43 | 206.52 | 213.59 | 221.33 | 228.65 | 230.33 | 225.00 | 196.95 | 196.53 |
| - STD. DEV. | 0.00 | 9.92 | 9.79 | 10.22 | 8.47 | 9.22 | 9.23 | 7.15 | 7.51 | 0.00 | 16.70 | 16.41 |
| WEIGHT - MEAN(gm) | 0.00 | 67.98 | 94.96 | 111.67 | 129.61 | 146.25 | 161.06 | 170.04 | 178.00 | 193.00 | 114.63 | 113.11 |
| - STD. DEV. | 0.00 | 12.14 | 16.92 | 20.32 | 21.30 | 24.38 | 26.32 | 20.44 | 15.59 | 0.00 | 31.64 | 31.15 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 2 | 2 | 718 | 772 | 90 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.13 | 0.13 | 45.33 | 48.74 | 5.68 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 2 | 697 | 25 | 724 |
| % | 0.28 | 96.27 | 3.45 | 100.00 |
| % SAMPLE WEIGHT | 0.03 | 25.38 | 0.09 | 25.50 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 859 | 724 | 0 | 1583 |
| % | 54.26 | 45.74 | 0.00 | 100.00 |
| MEAN WEIGHT | 108.62 | 118.42 | 0.00 | 113.10 |
| % SAMP. WT. | 52.11 | 47.89 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 181 - OTHER AREA 18

SAMPLE NUMBERS: 8, 14

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 24/82 - FEB 26/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 22 | 39 | 21 | 7 | 3 | 8 | 2 | 0 | 0 | 98 | 200 |
| % AT AGE | 0.00 | 21.57 | 38.24 | 20.59 | 6.86 | 2.94 | 7.84 | 1.96 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 168.68 | 184.31 | 198.67 | 210.86 | 220.67 | 228.88 | 232.00 | 0.00 | 0.00 | 195.13 | 193.13 |
| - STD. DEV. | 0.00 | 8.58 | 9.23 | 8.48 | 6.69 | 19.55 | 10.58 | 9.90 | 0.00 | 0.00 | 19.02 | 19.82 |
| WEIGHT - MEAN(gm) | 0.00 | 68.77 | 86.69 | 108.67 | 132.71 | 166.33 | 179.88 | 187.00 | 0.00 | 0.00 | 110.76 | 106.36 |
| - STD. DEV. | 0.00 | 13.67 | 14.80 | 13.09 | 11.28 | 40.50 | 36.27 | 33.94 | 0.00 | 0.00 | 35.39 | 36.95 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 1 | 0 | 1 | 35 | 162 | 0 | 0 | 0 |
| % AT STAGE | 0.50 | 0.50 | 0.00 | 0.50 | 17.50 | 81.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 2 | 97 | 0 | 99 |
| % | 2.02 | 97.98 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.02 | 17.76 | 0.00 | 17.78 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 101 | 99 | 0 | 200 |
| % | 50.50 | 49.50 | 0.00 | 100.00 |
| MEAN WEIGHT | 104.86 | 107.88 | 0.00 | 106.36 |
| % SAMP. WT. | 49.79 | 50.21 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 183 - PLUMPER SOUND

SAMPLE NUMBERS: 13, 7

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 23/82 - FEB 25/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 13 | 32 | 31 | 14 | 3 | 8 | 5 | 1 | 0 | 91 | 198 |
| % AT AGE | 0.00 | 12.15 | 29.91 | 28.97 | 13.08 | 2.80 | 7.48 | 4.67 | 0.93 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 170.08 | 189.56 | 203.32 | 211.57 | 216.33 | 226.00 | 231.40 | 230.00 | 0.00 | 199.77 | 199.82 |
| - STD. DEV. | 0.00 | 8.37 | 10.35 | 6.74 | 9.10 | 2.31 | 5.90 | 8.02 | 0.00 | 0.00 | 16.10 | 17.42 |
| WEIGHT - MEAN(gm) | 0.00 | 67.69 | 96.25 | 121.39 | 136.14 | 144.67 | 163.50 | 160.00 | 156.00 | 0.00 | 117.00 | 116.03 |
| - STD. DEV. | 0.00 | 12.58 | 16.29 | 15.16 | 16.87 | 7.64 | 13.75 | 28.40 | 0.00 | 0.00 | 28.80 | 30.34 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 2 | 0 | 45 | 151 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 1.01 | 0.00 | 22.73 | 76.26 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 2 | 106 | 0 | 108 |
| % | 1.85 | 98.15 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.08 | 19.02 | 0.00 | 19.10 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 90 | 108 | 0 | 198 |
| % | 45.45 | 54.55 | 0.00 | 100.00 |
| MEAN WEIGHT | 112.73 | 118.78 | 0.00 | 116.03 |
| % SAMP. WT. | 44.16 | 55.84 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 183 - PLUMPER SOUND

SAMPLE NUMBERS: 214

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 11/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 12 | 51 | 11 | 6 | 1 | 1 | 0 | 0 | 0 | 17 | 99 |
| % AT AGE | 0.00 | 14.63 | 62.20 | 13.41 | 7.32 | 1.22 | 1.22 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 165.08 | 179.65 | 201.27 | 210.50 | 227.00 | 227.00 | 0.00 | 0.00 | 0.00 | 187.35 | 184.43 |
| - STD. DEV. | 0.00 | 9.15 | 11.89 | 9.87 | 12.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.01 | 17.48 |
| WEIGHT - MEAN(gm) | 0.00 | 67.33 | 83.16 | 105.82 | 125.83 | 113.00 | 142.00 | 0.00 | 0.00 | 0.00 | 91.47 | 88.67 |
| - STD. DEV. | 0.00 | 10.24 | 16.81 | 17.66 | 25.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 18.80 | 22.43 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 1 | 0 | 20 | 59 | 19 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 1.01 | 0.00 | 20.20 | 59.60 | 19.19 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 43 | 0 | 44 |
| % | 2.27 | 97.73 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.13 | 20.22 | 0.00 | 20.35 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 55 | 44 | 0 | 99 |
| % | 55.56 | 44.44 | 0.00 | 100.00 |
| MEAN WEIGHT | 89.73 | 87.34 | 0.00 | 88.67 |
| % SAMP. WT. | 56.22 | 43.78 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 183 - PLUMPER SOUND

SAMPLE NUMBERS: 59

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 17/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 25 | 17 | 10 | 3 | 4 | 1 | 1 | 0 | 36 | 98 |
| % AT AGE | 0.00 | 1.61 | 40.32 | 27.42 | 16.13 | 4.84 | 6.45 | 1.61 | 1.61 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 186.00 | 188.40 | 194.12 | 203.30 | 212.00 | 213.75 | 233.00 | 222.00 | 0.00 | 192.67 | 195.01 |
| - STD. DEV. | 0.00 | 0.00 | 7.69 | 8.70 | 9.23 | 20.07 | 6.40 | 0.00 | 0.00 | 0.00 | 12.69 | 13.03 |
| WEIGHT - MEAN(gm) | 0.00 | 96.00 | 98.92 | 111.71 | 123.10 | 144.00 | 148.00 | 182.00 | 167.00 | 0.00 | 107.22 | 111.55 |
| - STD. DEV. | 0.00 | 0.00 | 10.81 | 14.25 | 17.21 | 36.17 | 8.29 | 0.00 | 0.00 | 0.00 | 21.68 | 22.87 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 43 | 55 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 43.88 | 56.12 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 51 | 0 | 51 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 17.89 | 0.00 | 17.89 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 47 | 51 | 0 | 98 |
| % | 47.96 | 52.04 | 0.00 | 100.00 |
| MEAN WEIGHT | 111.06 | 112.00 | 0.00 | 111.55 |
| % SAMP. WT. | 47.75 | 52.25 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 184 - FULFORD HARBOUR

SAMPLE NUMBERS: 5

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 34 DATE: FEB 18/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 6 | 30 | 12 | 12 | 2 | 1 | 0 | 1 | 0 | 36 | 100 |
| % AT AGE | 0.00 | 9.38 | 46.88 | 18.75 | 18.75 | 3.13 | 1.56 | 0.00 | 1.56 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 166.83 | 185.00 | 201.17 | 205.92 | 215.00 | 215.00 | 0.00 | 223.00 | 0.00 | 191.89 | 192.12 |
| - STD. DEV. | 0.00 | 7.65 | 9.05 | 8.71 | 7.61 | 2.83 | 0.00 | 0.00 | 0.00 | 0.00 | 16.00 | 15.65 |
| WEIGHT - MEAN(gm) | 0.00 | 65.50 | 93.93 | 120.42 | 136.00 | 153.50 | 135.00 | 0.00 | 171.00 | 0.00 | 107.53 | 107.72 |
| - STD. DEV. | 0.00 | 11.95 | 16.35 | 17.15 | 17.92 | 4.95 | 0.00 | 0.00 | 0.00 | 0.00 | 29.40 | 28.84 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 1 | 9 | 90 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 1.00 | 9.00 | 90.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 44 | 0 | 45 |
| % | 2.22 | 97.78 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.06 | 17.52 | 0.00 | 17.58 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 55 | 45 | 0 | 100 |
| % | 55.00 | 45.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 107.64 | 107.82 | 0.00 | 107.72 |
| % SAMP. WT. | 54.96 | 45.04 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 231 - OTHER AREA 23
SAMPLE NUMBERS: 72
SOURCE: PRE-FISHERY CHARTER
GEAR: HERRING SEINE
WEEK: 35 DATE: FEB 27/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 7 | 20 | 18 | 5 | 4 | 1 | 0 | 2 | 0 | 43 | 100 |
| % AT AGE | 0.00 | 12.28 | 35.09 | 31.58 | 8.77 | 7.02 | 1.75 | 0.00 | 3.51 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 169.29 | 182.30 | 197.50 | 208.80 | 213.75 | 215.00 | 0.00 | 228.50 | 0.00 | 191.00 | 191.70 |
| - STD. DEV. | 0.00 | 5.47 | 10.23 | 6.13 | 6.72 | 11.70 | 0.00 | 0.00 | 3.54 | 0.00 | 22.84 | 19.56 |
| WEIGHT - MEAN(gm) | 0.00 | 71.14 | 89.50 | 111.83 | 138.20 | 145.00 | 165.00 | 0.00 | 163.50 | 0.00 | 106.40 | 106.39 |
| - STD. DEV. | 0.00 | 8.86 | 15.76 | 13.29 | 23.45 | 6.58 | 0.00 | 0.00 | 2.12 | 0.00 | 37.23 | 32.51 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 20 | 79 | 1 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 20.00 | 79.00 | 1.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 51 | 1 | 52 |
| % | 0.00 | 98.08 | 1.92 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 21.29 | 0.12 | 21.41 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 48 | 52 | 0 | 100 |
| % | 48.00 | 52.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 102.65 | 109.85 | 0.00 | 106.39 |
| % SAMP. WT. | 46.31 | 53.69 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 231 - OTHER AREA 23

SAMPLE NUMBERS: 62, 71,123, 78, 75

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 3/82 - MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 41 | 107 | 77 | 46 | 15 | 15 | 11 | 4 | 1 | 177 | 494 |
| % AT AGE | 0.00 | 12.93 | 33.75 | 24.29 | 14.51 | 4.73 | 4.73 | 3.47 | 1.26 | 0.32 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 167.83 | 184.10 | 198.53 | 206.54 | 216.27 | 220.73 | 226.91 | 227.00 | 235.00 | 197.11 | 195.24 |
| - STD. DEV. | 0.00 | 10.94 | 9.72 | 11.29 | 8.17 | 7.77 | 6.91 | 6.52 | 6.73 | 0.00 | 18.98 | 18.97 |
| WEIGHT - MEAN(gm) | 0.00 | 74.32 | 97.20 | 123.16 | 137.22 | 160.60 | 167.67 | 181.18 | 190.25 | 202.00 | 119.29 | 117.89 |
| - STD. DEV. | 0.00 | 9.46 | 16.16 | 20.46 | 16.11 | 20.70 | 20.94 | 18.13 | 29.34 | 0.00 | 33.70 | 34.15 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 1 | 97 | 391 | 5 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.20 | 19.64 | 79.15 | 1.01 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 257 | 1 | 258 |
| % | 0.00 | 99.61 | 0.39 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 25.35 | 0.04 | 25.39 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 236 | 258 | 0 | 494 |
| % | 47.77 | 52.23 | 0.00 | 100.00 |
| MEAN WEIGHT | 112.90 | 122.45 | 0.00 | 117.89 |
| % SAMP. WT. | 45.75 | 54.25 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 231 - OTHER AREA 23

SAMPLE NUMBERS: 80

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 7/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 2 | 14 | 17 | 10 | 2 | 0 | 1 | 0 | 0 | 52 | 98 |
| % AT AGE | 0.00 | 4.35 | 30.43 | 36.96 | 21.74 | 4.35 | 0.00 | 2.17 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 179.00 | 184.36 | 200.06 | 210.20 | 205.00 | 0.00 | 243.00 | 0.00 | 0.00 | 195.00 | 196.28 |
| - STD. DEV. | 0.00 | 12.73 | 7.85 | 8.24 | 9.77 | 9.90 | 0.00 | 0.00 | 0.00 | 0.00 | 15.67 | 15.31 |
| WEIGHT - MEAN(gm) | 0.00 | 75.00 | 87.43 | 115.59 | 144.40 | 127.00 | 0.00 | 202.00 | 0.00 | 0.00 | 109.52 | 111.57 |
| - STD. DEV. | 0.00 | 14.14 | 10.48 | 18.91 | 30.77 | 7.07 | 0.00 | 0.00 | 0.00 | 0.00 | 26.75 | 29.28 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 37 | 61 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 37.76 | 62.24 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 57 | 0 | 57 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 25.11 | 0.00 | 25.11 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 41 | 57 | 0 | 98 |
| % | 41.84 | 58.16 | 0.00 | 100.00 |
| MEAN WEIGHT | 99.80 | 120.04 | 0.00 | 111.57 |
| % SAMP. WT. | 37.42 | 62.58 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 232 - MACOAH PASS

SAMPLE NUMBERS: 12

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 23/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 3 | 6 | 14 | 4 | 3 | 8 | 14 | 5 | 0 | 42 | 99 |
| % AT AGE | 0.00 | 5.26 | 10.53 | 24.56 | 7.02 | 5.26 | 14.04 | 24.56 | 8.77 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 166.33 | 184.33 | 202.57 | 208.25 | 233.67 | 230.13 | 237.64 | 242.20 | 0.00 | 209.05 | 213.47 |
| - STD. DEV. | 0.00 | 4.16 | 7.58 | 11.16 | 12.69 | 17.93 | 7.62 | 10.03 | 10.99 | 0.00 | 20.41 | 23.13 |
| WEIGHT - MEAN(gm) | 0.00 | 66.67 | 89.00 | 133.93 | 141.25 | 197.33 | 188.63 | 201.36 | 207.20 | 0.00 | 141.38 | 152.20 |
| - STD. DEV. | 0.00 | 3.51 | 14.67 | 20.75 | 26.70 | 34.20 | 20.23 | 26.85 | 27.66 | 0.00 | 41.88 | 47.39 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 2 | 3 | 19 | 75 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 2.02 | 3.03 | 19.19 | 75.76 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 48 | 0 | 49 |
| % | 2.04 | 97.96 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.08 | 13.56 | 0.00 | 13.64 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 50 | 49 | 0 | 99 |
| % | 50.51 | 49.49 | 0.00 | 100.00 |
| MEAN WEIGHT | 152.72 | 151.67 | 0.00 | 152.20 |
| % SAMP. WT. | 50.68 | 49.32 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 232 - MACOAH PASS

SAMPLE NUMBERS: 81, 53, 79

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 3/82 - MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 4 | 46 | 63 | 44 | 6 | 12 | 3 | 2 | 1 | 117 | 298 |
| % AT AGE | 0.00 | 2.21 | 25.41 | 34.81 | 24.31 | 3.31 | 6.63 | 1.66 | 1.10 | 0.55 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 166.25 | 185.02 | 199.52 | 208.61 | 225.67 | 225.25 | 242.00 | 226.50 | 235.00 | 202.91 | 201.80 |
| - STD. DEV. | 0.00 | 3.77 | 6.40 | 8.44 | 9.23 | 7.87 | 9.95 | 4.58 | 19.09 | 0.00 | 17.84 | 17.06 |
| WEIGHT - MEAN(gm) | 0.00 | 68.75 | 96.20 | 121.75 | 139.14 | 171.00 | 177.83 | 201.67 | 196.50 | 161.00 | 129.09 | 127.23 |
| - STD. DEV. | 0.00 | 4.35 | 11.51 | 17.85 | 24.16 | 22.60 | 37.68 | 19.22 | 16.26 | 0.00 | 31.96 | 33.06 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 127 | 171 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 42.62 | 57.38 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 157 | 0 | 157 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 28.11 | 0.00 | 28.11 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 141 | 157 | 0 | 298 |
| % | 47.32 | 52.68 | 0.00 | 100.00 |
| MEAN WEIGHT | 120.97 | 132.85 | 0.00 | 127.23 |
| % SAMP. WT. | 44.99 | 55.01 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 232 - MACOAH PASS

SAMPLE NUMBERS: 76, 77,208,218,186,219

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 7/82 - MAR 11/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 10 | 106 | 118 | 91 | 26 | 38 | 8 | 5 | 0 | 195 | 597 |
| % AT AGE | 0.00 | 2.49 | 26.37 | 29.35 | 22.64 | 6.47 | 9.45 | 1.99 | 1.24 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 172.30 | 185.19 | 196.44 | 205.01 | 214.42 | 220.95 | 227.75 | 229.60 | 0.00 | 201.49 | 200.03 |
| - STD. DEV. | 0.00 | 7.01 | 9.07 | 9.92 | 10.28 | 9.73 | 10.67 | 10.61 | 7.70 | 0.00 | 18.57 | 17.01 |
| WEIGHT - MEAN(gm) | 0.00 | 72.60 | 91.90 | 114.65 | 127.30 | 144.85 | 163.24 | 171.00 | 174.20 | 0.00 | 122.52 | 120.07 |
| - STD. DEV. | 0.00 | 12.15 | 15.38 | 18.81 | 19.03 | 21.60 | 27.04 | 17.44 | 29.13 | 0.00 | 36.23 | 32.70 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 1 | 352 | 213 | 31 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.17 | 58.96 | 35.68 | 5.19 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 319 | 4 | 323 |
| % | 0.00 | 98.76 | 1.24 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 27.76 | 0.05 | 27.82 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 274 | 323 | 0 | 597 |
| % | 45.90 | 54.10 | 0.00 | 100.00 |
| MEAN WEIGHT | 109.35 | 129.16 | 0.00 | 120.07 |
| % SAMP. WT. | 41.80 | 58.20 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 232 - MACOAH PASS

SAMPLE NUMBERS: 177,171,175,146,169,172,168,179,174,148, 178,147,149,173,170

SOURCE: ROE FISHERY
PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 14/82 - MAR 18/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 42 | 230 | 256 | 218 | 50 | 58 | 30 | 20 | 4 | 581 | 1489 |
| % AT AGE | 0.00 | 4.63 | 25.33 | 28.19 | 24.01 | 5.51 | 6.39 | 3.30 | 2.20 | 0.44 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 169.21 | 182.59 | 196.70 | 205.77 | 213.36 | 220.67 | 228.57 | 230.00 | 240.50 | 196.36 | 197.64 |
| - STD. DEV. | 0.00 | 8.05 | 10.76 | 10.27 | 8.94 | 10.53 | 9.08 | 9.01 | 12.43 | 11.68 | 17.94 | 17.91 |
| WEIGHT - MEAN(gm) | 0.00 | 72.38 | 90.29 | 112.65 | 131.31 | 145.60 | 157.53 | 171.33 | 177.15 | 188.25 | 115.16 | 116.88 |
| - STD. DEV. | 0.00 | 11.65 | 15.87 | 18.77 | 18.31 | 23.48 | 24.73 | 24.29 | 25.78 | 27.13 | 32.24 | 32.16 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 2 | 1 | 974 | 477 | 34 | 0 | 1 |
| % AT STAGE | 0.00 | 0.00 | 0.13 | 0.07 | 65.41 | 32.03 | 2.28 | 0.00 | 0.07 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 835 | 1 | 837 |
| % | 0.12 | 99.76 | 0.12 | 100.00 |
| % SAMPLE WEIGHT | 0.01 | 26.88 | 0.00 | 26.90 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 649 | 837 | 1 | 1487 |
| % | 43.64 | 56.29 | 0.07 | 100.00 |
| MEAN WEIGHT | 110.00 | 122.27 | 87.00 | 116.90 |
| % SAMP. WT. | 41.07 | 58.88 | 0.05 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 233 - MAYNE BAY

SAMPLE NUMBERS: 73, 70

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 34 DATE: FEB 20/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 10 | 32 | 46 | 25 | 4 | 7 | 4 | 3 | 5 | 63 | 199 |
| % AT AGE | 0.00 | 7.35 | 23.53 | 33.82 | 18.38 | 2.94 | 5.15 | 2.94 | 2.21 | 3.68 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 166.00 | 183.19 | 195.11 | 204.56 | 212.25 | 217.57 | 222.75 | 233.67 | 231.60 | 197.97 | 197.01 |
| - STD. DEV. | 0.00 | 10.93 | 7.20 | 8.12 | 6.06 | 6.99 | 9.00 | 4.19 | 12.86 | 9.48 | 14.97 | 16.78 |
| WEIGHT - MEAN(gm) | 0.00 | 68.70 | 90.56 | 113.43 | 129.00 | 156.25 | 149.14 | 168.25 | 180.00 | 176.40 | 117.17 | 116.45 |
| - STD. DEV. | 0.00 | 14.70 | 11.16 | 16.20 | 13.65 | 19.12 | 16.58 | 24.35 | 25.24 | 17.07 | 25.75 | 29.60 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 0 | 0 | 3 | 13 | 182 | 0 | 0 | 0 |
| % AT STAGE | 0.50 | 0.00 | 0.00 | 1.51 | 6.53 | 91.46 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 4 | 63 | 0 | 67 |
| % | 5.97 | 94.03 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.23 | 20.23 | 0.00 | 20.46 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 132 | 67 | 0 | 199 |
| % | 66.33 | 33.67 | 0.00 | 100.00 |
| MEAN WEIGHT | 115.61 | 118.12 | 0.00 | 116.45 |
| % SAMP. WT. | 65.85 | 34.15 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 233 - MAYNE BAY

SAMPLE NUMBERS: 74

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 22/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 17 | 11 | 13 | 3 | 0 | 0 | 1 | 2 | 52 | 100 |
| % AT AGE | 0.00 | 2.08 | 35.42 | 22.92 | 27.08 | 6.25 | 0.00 | 0.00 | 2.08 | 4.17 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 174.00 | 185.41 | 194.64 | 208.08 | 214.33 | 0.00 | 0.00 | 238.00 | 241.50 | 189.81 | 194.06 |
| - STD. DEV. | 0.00 | 0.00 | 6.96 | 6.48 | 6.69 | 12.90 | 0.00 | 0.00 | 0.00 | 4.95 | 19.64 | 18.70 |
| WEIGHT - MEAN(gm) | 0.00 | 81.00 | 95.88 | 109.55 | 133.31 | 148.67 | 0.00 | 0.00 | 199.00 | 196.00 | 105.25 | 111.59 |
| - STD. DEV. | 0.00 | 0.00 | 11.79 | 9.47 | 18.62 | 13.61 | 0.00 | 0.00 | 0.00 | 15.56 | 31.89 | 31.65 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 3 | 96 | 1 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 3.00 | 96.00 | 1.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 44 | 1 | 45 |
| % | 0.00 | 97.78 | 2.22 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 21.21 | 0.19 | 21.40 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 55 | 45 | 0 | 100 |
| % | 55.00 | 45.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 107.64 | 116.42 | 0.00 | 111.59 |
| % SAMP. WT. | 53.05 | 46.95 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 243 - SYDNEY INLET

SAMPLE NUMBERS: 352

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 26/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 7 | 20 | 21 | 3 | 18 | 5 | 2 | 0 | 23 | 100 |
| % AT AGE | 0.00 | 1.30 | 9.09 | 25.97 | 27.27 | 3.90 | 23.38 | 6.49 | 2.60 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 173.00 | 183.71 | 194.75 | 208.29 | 221.00 | 222.28 | 228.40 | 232.00 | 0.00 | 198.65 | 205.67 |
| - STD. DEV. | 0.00 | 0.00 | 4.68 | 10.37 | 7.20 | 8.54 | 8.05 | 7.02 | 2.83 | 0.00 | 16.93 | 17.03 |
| WEIGHT - MEAN(gm) | 0.00 | 79.00 | 101.00 | 117.60 | 142.24 | 172.33 | 174.83 | 189.00 | 197.50 | 0.00 | 127.74 | 140.67 |
| - STD. DEV. | 0.00 | 0.00 | 8.60 | 18.82 | 18.11 | 13.65 | 24.96 | 23.07 | 4.95 | 0.00 | 33.29 | 35.21 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 1 | 75 | 23 | 1 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 1.00 | 75.00 | 23.00 | 1.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 44 | 0 | 45 |
| % | 2.22 | 97.78 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.26 | 26.56 | 0.00 | 26.83 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 54 | 45 | 0 | 99 |
| % | 54.55 | 45.45 | 0.00 | 100.00 |
| MEAN WEIGHT | 138.63 | 142.98 | 0.00 | 140.61 |
| % SAMP. WT. | 53.78 | 46.22 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 243 - SYDNEY INLET

SAMPLE NUMBERS: 366,369,354

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 1/82 - MAR 4/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 7 | 66 | 78 | 61 | 9 | 21 | 4 | 2 | 0 | 51 | 299 |
| % AT AGE | 0.00 | 2.82 | 26.61 | 31.45 | 24.60 | 3.63 | 8.47 | 1.61 | 0.81 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 168.14 | 183.35 | 192.91 | 203.69 | 210.11 | 215.19 | 224.25 | 227.50 | 0.00 | 191.76 | 194.96 |
| - STD. DEV. | 0.00 | 7.13 | 9.47 | 9.14 | 8.55 | 9.62 | 8.74 | 7.80 | 13.44 | 0.00 | 16.35 | 15.17 |
| WEIGHT - MEAN(gm) | 0.00 | 74.29 | 90.89 | 109.15 | 130.15 | 138.11 | 154.14 | 179.75 | 177.00 | 0:00 | 104.82 | 113.28 |
| - STD. DEV. | 0.00 | 20.16 | 15.87 | 20.18 | 20.00 | 20.93 | 24.74 | 21.88 | 53.74 | 0.00 | 31.94 | 30.53 |

JORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 212 | 84 | 3 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 70.90 | 28.09 | 1.00 | 0.00 | 0.00 |

OE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 163 | 0 | 163 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 25.36 | 0.00 | 25.36 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 136 | 163 | 0 | 299 |
| % | 45.48 | 54.52 | 0.00 | 100.00 |
| MEAN WEIGHT | 108.66 | 117.13 | 0.00 | 113.28 |
| % SAMP. WT. | 43.63 | 56.37 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 243 - SYDNEY INLET

SAMPLE NUMBERS: 363,371,368

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 7/82 - MAR 13/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 5 | 79 | 71 | 36 | 4 | 7 | 1 | 0 | 0 | 96 | 299 |
| % AT AGE | 0.00 | 2.46 | 38.92 | 34.98 | 17.73 | 1.97 | 3.45 | 0.49 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 163.60 | 180.14 | 190.07 | 203.67 | 206.25 | 207.71 | 211.00 | 0.00 | 0.00 | 188.31 | 188.78 |
| - STD. DEV. | 0.00 | 4.88 | 9.49 | 8.95 | 9.95 | 8.66 | 11.22 | 0.00 | 0.00 | 0.00 | 15.53 | 14.36 |
| WEIGHT - MEAN(gm) | 0.00 | 58.20 | 77.15 | 92.10 | 109.44 | 107.50 | 117.57 | 134.00 | 0.00 | 0.00 | 90.26 | 90.02 |
| - STD. DEV. | 0.00 | 5.54 | 14.21 | 17.38 | 22.41 | 10.50 | 29.29 | 0.00 | 0.00 | 0.00 | 23.90 | 22.79 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 63 | 79 | 157 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 21.07 | 26.42 | 52.51 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 102 | 35 | 137 |
| % | 0.00 | 74.45 | 25.55 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 17.91 | 0.60 | 18.51 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 162 | 137 | 0 | 299 |
| % | 54.18 | 45.82 | 0.00 | 100.00 |
| MEAN WEIGHT | 84.30 | 96.79 | 0.00 | 90.02 |
| % SAMP. WT. | 50.74 | 49.26 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 244 - WHITEPINE COVE

SAMPLE NUMBERS: 361

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 5/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 13 | 20 | 28 | 3 | 8 | 1 | 0 | 0 | 27 | 100 |
| % AT AGE | 0.00 | 0.00 | 17.81 | 27.40 | 38.36 | 4.11 | 10.96 | 1.37 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 183.46 | 189.10 | 202.11 | 210.00 | 211.75 | 227.00 | 0.00 | 0.00 | 199.33 | 197.59 |
| - STD. DEV. | 0.00 | 0.00 | 7.77 | 8.13 | 8.39 | 3.61 | 7.80 | 0.00 | 0.00 | 0.00 | 14.28 | 13.20 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 91.00 | 100.30 | 124.07 | 134.67 | 139.38 | 181.00 | 0.00 | 0.00 | 117.22 | 115.28 |
| - STD. DEV. | 0.00 | 0.00 | 10.12 | 14.24 | 18.20 | 14.19 | 17.45 | 0.00 | 0.00 | 0.00 | 30.01 | 25.52 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 1 | 88 | 10 | 1 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 1.00 | 88.00 | 10.00 | 1.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 46 | 0 | 47 |
| % | 2.13 | 97.87 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.30 | 27.86 | 0.00 | 28.15 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 53 | 47 | 0 | 100 |
| % | 53.00 | 47.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 109.81 | 121.45 | 0.00 | 115.28 |
| % SAMP. WT. | 50.49 | 49.51 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 244 - WHITEPINE COVE

SAMPLE NUMBERS: 372,356,365

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 11/82 - MAR 13/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 15 | 71 | 64 | 46 | 12 | 13 | 1 | 2 | 0 | 72 | 296 |
| % AT AGE | 0.00 | 6.70 | 31.70 | 28.57 | 20.54 | 5.36 | 5.80 | 0.45 | 0.89 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 166.60 | 182.32 | 194.77 | 204.39 | 214.58 | 221.08 | 237.00 | 229.00 | 0.00 | 188.57 | 192.68 |
| - STD. DEV. | 0.00 | 11.92 | 8.63 | 8.21 | 7.27 | 9.36 | 10.43 | 0.00 | 26.87 | 0.00 | 16.87 | 16.82 |
| WEIGHT - MEAN(gm) | 0.00 | 63.20 | 77.41 | 91.84 | 102.96 | 121.42 | 130.85 | 132.00 | 147.50 | 0.00 | 87.46 | 91.01 |
| - STD. DEV. | 0.00 | 14.25 | 13.54 | 13.99 | 11.94 | 19.14 | 21.42 | 0.00 | 38.89 | 0.00 | 25.11 | 23.45 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 14 | 0 | 28 | 35 | 219 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 4.73 | 0.00 | 9.46 | 11.82 | 73.99 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 50 | 62 | 112 |
| % | 0.00 | 44.64 | 55.36 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 10.43 | 1.15 | 11.58 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 170 | 112 | 14 | 296 |
| % | 57.43 | 37.84 | 4.73 | 100.00 |
| MEAN WEIGHT | 89.22 | 97.04 | 64.57 | 91.01 |
| % SAMP. WT. | 56.30 | 40.35 | 3.36 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 245 - MEARES ISLAND

SAMPLE NUMBERS: 364,355,373

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 2/82 - MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 5 | 37 | 79 | 69 | 18 | 25 | 3 | 1 | 0 | 60 | 297 |
| % AT AGE | 0.00 | 2.11 | 15.61 | 33.33 | 29.11 | 7.59 | 10.55 | 1.27 | 0.42 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 165.40 | 185.43 | 198.85 | 205.67 | 215.11 | 217.36 | 212.67 | 229.00 | 0.00 | 201.77 | 201.57 |
| - STD. DEV. | 0.00 | 9.63 | 7.28 | 8.70 | 8.00 | 7.68 | 9.35 | 1.53 | 0.00 | 0.00 | 16.26 | 14.22 |
| WEIGHT - MEAN(g) | 0.00 | 68.80 | 93.38 | 117.59 | 133.19 | 156.61 | 154.96 | 156.00 | 178.00 | 0.00 | 123.10 | 124.59 |
| - STD. DEV. | 0.00 | 11.21 | 15.17 | 14.71 | 20.09 | 18.14 | 26.27 | 3.00 | 0.00 | 0.00 | 30.59 | 28.39 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 222 | 75 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 74.75 | 25.25 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 150 | 0 | 150 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 26.89 | 0.00 | 26.89 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 147 | 150 | 0 | 297 |
| % | 49.49 | 50.51 | 0.00 | 100.00 |
| MEAN WEIGHT | 120.79 | 128.32 | 0.00 | 124.59 |
| % SAMP. WT. | 47.98 | 52.02 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 245 - MEARES ISLAND

SAMPLE NUMBERS: 362,359,118, 87, 91, 95,374,360, 89,119, 92

SOURCE: PRE-FISHERY CHARTER
ROE FISHERY

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 7/82 - MAR 10/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 3 | 125 | 174 | 208 | 48 | 103 | 35 | 19 | 2 | 380 | 1097 |
| % AT AGE | 0.00 | 0.42 | 17.43 | 24.27 | 29.01 | 6.69 | 14.37 | 4.88 | 2.65 | 0.28 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 164.00 | 185.93 | 199.29 | 204.94 | 214.79 | 218.70 | 224.91 | 228.95 | 239.00 | 209.47 | 206.17 |
| - STD. DEV. | 0.00 | 10.58 | 9.26 | 9.06 | 10.92 | 8.27 | 8.59 | 10.43 | 11.37 | 5.66 | 34.79 | 24.14 |
| WEIGHT - MEAN(gm) | 0.00 | 64.33 | 92.33 | 113.70 | 126.71 | 146.27 | 154.43 | 163.83 | 181.00 | 201.00 | 132.23 | 128.19 |
| - STD. DEV. | 0.00 | 19.86 | 16.22 | 20.69 | 21.39 | 21.12 | 23.46 | 21.94 | 31.20 | 12.73 | 35.02 | 32.94 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 3 | 0 | 590 | 328 | 176 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.27 | 0.00 | 53.78 | 29.90 | 16.04 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 450 | 53 | 504 |
| % | 0.20 | 89.29 | 10.52 | 100.00 |
| % SAMPLE WEIGHT | 0.05 | 25.14 | 0.25 | 25.43 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 591 | 504 | 2 | 1097 |
| % | 53.87 | 45.94 | 0.18 | 100.00 |
| MEAN WEIGHT | 121.60 | 136.05 | 95.50 | 128.19 |
| % SAMP. WT. | 51.10 | 48.76 | 0.14 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 252 - WEST NOOTKA

SAMPLE NUMBERS: 156,155

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 28 | 31 | 66 | 11 | 38 | 0 | 1 | 0 | 20 | 195 |
| % AT AGE | 0.00 | 0.00 | 16.00 | 17.71 | 37.71 | 6.29 | 21.71 | 0.00 | 0.57 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 187.93 | 196.74 | 203.48 | 208.09 | 208.55 | 0.00 | 205.00 | 0.00 | 199.55 | 201.03 |
| - STD. DEV. | 0.00 | 0.00 | 6.68 | 8.78 | 11.23 | 6.14 | 11.74 | 0.00 | 0.00 | 0.00 | 11.80 | 12.09 |
| WEIGHT - MEAN(g) | 0.00 | 0.00 | 101.46 | 114.97 | 130.18 | 136.91 | 136.79 | 0.00 | 143.00 | 0.00 | 118.85 | 124.21 |
| - STD. DEV. | 0.00 | 0.00 | 11.95 | 17.75 | 23.23 | 11.12 | 21.97 | 0.00 | 0.00 | 0.00 | 17.57 | 22.88 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 1 | 0 | 116 | 76 | 2 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.51 | 0.00 | 59.49 | 38.97 | 1.03 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 115 | 0 | 116 |
| % | 0.86 | 99.14 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.38 | 29.49 | 0.00 | 29.87 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 79 | 116 | 0 | 195 |
| % | 40.51 | 59.49 | 0.00 | 100.00 |
| MEAN WEIGHT | 115.57 | 130.09 | 0.00 | 124.21 |
| % SAMP. WT. | 37.69 | 62.31 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 253 - NUCHATLITZ INLET

SAMPLE NUMBERS: 158

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 26/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 13 | 28 | 29 | 4 | 10 | 1 | 0 | 0 | 13 | 98 |
| % AT AGE | 0.00 | 0.00 | 15.29 | 32.94 | 34.12 | 4.71 | 11.76 | 1.18 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 179.46 | 193.50 | 202.14 | 209.00 | 212.90 | 210.00 | 0.00 | 0.00 | 198.46 | 197.63 |
| - STD. DEV. | 0.00 | 0.00 | 7.87 | 7.53 | 6.36 | 4.08 | 8.36 | 0.00 | 0.00 | 0.00 | 13.70 | 12.31 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 84.62 | 105.71 | 121.14 | 132.25 | 145.20 | 136.00 | 0.00 | 0.00 | 119.00 | 114.66 |
| - STD. DEV. | 0.00 | 0.00 | 12.22 | 13.20 | 11.04 | 4.65 | 17.91 | 0.00 | 0.00 | 0.00 | 24.76 | 21.94 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 1 | 1 | 41 | 55 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 1.02 | 1.02 | 41.84 | 56.12 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 1 | 54 | 0 | 55 |
| % | 1.82 | 98.18 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.20 | 25.02 | 0.00 | 25.22 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 42 | 55 | 1 | 98 |
| % | 42.86 | 56.12 | 1.02 | 100.00 |
| MEAN WEIGHT | 110.12 | 119.24 | 54.00 | 114.66 |
| % SAMP. WT. | 41.16 | 58.36 | 0.48 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 253 - NUCHATLITZ INLET

SAMPLE NUMBERS: 152,151,153,150

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 2/82 - MAR 5/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 2 | 39 | 82 | 107 | 25 | 48 | 7 | 1 | 0 | 88 | 399 |
| % AT AGE | 0.00 | 0.64 | 12.54 | 26.37 | 34.41 | 8.04 | 15.43 | 2.25 | 0.32 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 160.50 | 181.36 | 191.66 | 201.24 | 208.84 | 208.29 | 212.00 | 214.00 | 0.00 | 196.51 | 197.63 |
| - STD. DEV. | 0.00 | 6.36 | 6.93 | 7.63 | 7.64 | 9.00 | 8.09 | 7.39 | 0.00 | 0.00 | 13.23 | 12.40 |
| WEIGHT - MEAN(gm) | 0.00 | 66.50 | 86.69 | 102.21 | 121.84 | 134.80 | 133.25 | 134.00 | 156.00 | 0.00 | 114.65 | 114.99 |
| - STD. DEV. | 0.00 | 0.71 | 12.53 | 14.28 | 17.13 | 16.29 | 18.98 | 20.17 | 0.00 | 0.00 | 25.22 | 23.46 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 200 | 197 | 2 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 50.13 | 49.37 | 0.50 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 208 | 2 | 210 |
| % | 0.00 | 99.05 | 0.95 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 25.22 | 0.01 | 25.23 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 188 | 210 | 0 | 398 |
| % | 47.24 | 52.76 | 0.00 | 100.00 |
| MEAN WEIGHT | 109.26 | 120.24 | 0.00 | 115.06 |
| % SAMP. WT. | 44.86 | 55.14 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 253 - NUCHATLITZ INLET

SAMPLE NUMBERS: 358,154,353,157

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 9/82 - MAR 13/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 91 | 77 | 101 | 14 | 22 | 1 | 0 | 0 | 93 | 399 |
| % AT AGE | 0.00 | 0.00 | 29.74 | 25.16 | 33.01 | 4.58 | 7.19 | 0.33 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 182.49 | 191.06 | 199.99 | 203.57 | 209.68 | 217.00 | 0.00 | 0.00 | 192.15 | 193.15 |
| - STD. DEV. | 0.00 | 0.00 | 6.92 | 9.07 | 7.86 | 7.27 | 6.04 | 0.00 | 0.00 | 0.00 | 13.44 | 12.11 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 80.44 | 91.25 | 108.91 | 111.29 | 119.73 | 132.00 | 0.00 | 0.00 | 97.66 | 97.12 |
| - STD. DEV. | 0.00 | 0.00 | 11.40 | 15.87 | 18.17 | 16.59 | 13.76 | 0.00 | 0.00 | 0.00 | 21.42 | 20.73 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 1 | 0 | 109 | 128 | 161 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.25 | 0.00 | 27.32 | 32.08 | 40.35 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 187 | 35 | 222 |
| % | 0.00 | 84.23 | 15.77 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 21.16 | 0.34 | 21.49 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 176 | 222 | 1 | 399 |
| % | 44.11 | 55.64 | 0.25 | 100.00 |
| MEAN WEIGHT | 89.39 | 103.30 | 87.00 | 97.12 |
| % SAMP. WT. | 40.60 | 59.18 | 0.22 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 253 - NUCHATLITZ INLET

SAMPLE NUMBERS: 357,367,370

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 15/82 - MAR 17/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 2 | 63 | 56 | 88 | 11 | 14 | 2 | 1 | 0 | 63 | 300 |
| % AT AGE | 0.00 | 0.84 | 26.58 | 23.63 | 37.13 | 4.64 | 5.91 | 0.84 | 0.42 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 162.00 | 185.57 | 191.77 | 202.43 | 204.91 | 211.29 | 219.00 | 215.00 | 0.00 | 195.19 | 195.77 |
| - STD. DEV. | 0.00 | 8.49 | 8.41 | 8.80 | 9.05 | 6.73 | 8.54 | 11.31 | 0.00 | 0.00 | 13.99 | 12.79 |
| WEIGHT - MEAN(gm) | 0.00 | 70.00 | 89.06 | 100.59 | 116.03 | 119.36 | 134.64 | 153.00 | 142.00 | 0.00 | 105.24 | 106.24 |
| - STD. DEV. | 0.00 | 7.07 | 14.22 | 13.20 | 17.00 | 15.98 | 23.82 | 43.84 | 0.00 | 0.00 | 23.52 | 21.93 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 214 | 63 | 23 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 71.33 | 21.00 | 7.67 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 195 | 9 | 204 |
| % | 0.00 | 95.59 | 4.41 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 24.31 | 0.10 | 24.41 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 96 | 204 | 0 | 300 |
| % | 32.00 | 68.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 94.17 | 111.92 | 0.00 | 106.24 |
| % SAMP. WT. | 28.36 | 71.64 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 272 - BROOKS BAY

SAMPLE NUMBERS: 104,105,103

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 3/82 - MAR 6/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 93 | 28 | 83 | 9 | 26 | 3 | 0 | 0 | 54 | 297 |
| % AT AGE | 0.00 | 0.41 | 38.27 | 11.52 | 34.16 | 3.70 | 10.70 | 1.23 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 162.00 | 183.72 | 192.61 | 201.99 | 205.22 | 209.31 | 218.00 | 0.00 | 0.00 | 190.13 | 193.99 |
| - STD. DEV. | 0.00 | 0.00 | 6.94 | 10.21 | 7.81 | 9.50 | 8.38 | 9.54 | 0.00 | 0.00 | 16.66 | 13.70 |
| WEIGHT - MEAN(gm) | 0.00 | 55.00 | 91.76 | 107.32 | 125.61 | 133.67 | 144.54 | 178.67 | 0.00 | 0.00 | 108.02 | 112.29 |
| - STD. DEV. | 0.00 | 0.00 | 13.04 | 18.73 | 19.52 | 27.24 | 25.24 | 37.61 | 0.00 | 0.00 | 24.20 | 26.97 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 211 | 75 | 11 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 71.04 | 25.25 | 3.70 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 167 | 3 | 170 |
| % | 0.00 | 98.24 | 1.76 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 26.79 | 0.03 | 26.82 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 127 | 170 | 0 | 297 |
| % | 42.76 | 57.24 | 0.00 | 100.00 |
| MEAN WEIGHT | 101.72 | 120.18 | 0.00 | 112.29 |
| % SAMP. WT. | 38.74 | 61.26 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 272 - BROOKS BAY

SAMPLE NUMBERS: 161

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 10/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 36 | 10 | 16 | 3 | 0 | 0 | 0 | 0 | 27 | 93 |
| % AT AGE | 0.00 | 1.52 | 54.55 | 15.15 | 24.24 | 4.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 145.00 | 185.03 | 197.30 | 205.44 | 203.00 | 0.00 | 0.00 | 0.00 | 0.00 | 192.15 | 192.08 |
| - STD. DEV. | 0.00 | 0.00 | 6.37 | 9.38 | 9.35 | 12.12 | 0.00 | 0.00 | 0.00 | 0.00 | 23.61 | 16.74 |
| WEIGHT - MEAN(gm) | 0.00 | 36.00 | 82.78 | 99.30 | 117.81 | 96.00 | 0.00 | 0.00 | 0.00 | 0.00 | 96.52 | 94.49 |
| - STD. DEV. | 0.00 | 0.00 | 12.82 | 12.87 | 17.95 | 7.81 | 0.00 | 0.00 | 0.00 | 0.00 | 29.88 | 23.96 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 7 | 0 | 5 | 36 | 45 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 7.53 | 0.00 | 5.38 | 38.71 | 48.39 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 27 | 15 | 42 |
| % | 0.00 | 64.29 | 35.71 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 17.49 | 1.80 | 19.28 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 44 | 42 | 7 | 93 |
| % | 47.31 | 45.16 | 7.53 | 100.00 |
| MEAN WEIGHT | 90.59 | 102.12 | 73.29 | 94.49 |
| % SAMP. WT. | 45.36 | 48.81 | 5.84 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 272 - BROOKS BAY

SAMPLE NUMBERS: 111

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 22/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 38 | 9 | 24 | 4 | 8 | 0 | 0 | 0 | 16 | 100 |
| % AT AGE | 0.00 | 1.19 | 45.24 | 10.71 | 28.57 | 4.76 | 9.52 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 152.00 | 182.76 | 189.78 | 202.96 | 207.00 | 215.13 | 0.00 | 0.00 | 0.00 | 192.81 | 193.10 |
| - STD. DEV. | 0.00 | 0.00 | 7.25 | 10.53 | 8.79 | 2.58 | 7.86 | 0.00 | 0.00 | 0.00 | 9.24 | 13.92 |
| WEIGHT - MEAN(gm) | 0.00 | 55.00 | 91.50 | 102.78 | 121.79 | 125.25 | 132.00 | 0.00 | 0.00 | 0.00 | 102.75 | 105.81 |
| - STD. DEV. | 0.00 | 0.00 | 12.47 | 15.21 | 20.12 | 10.90 | 19.63 | 0.00 | 0.00 | 0.00 | 19.33 | 22.31 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 25 | 54 | 21 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 25.00 | 54.00 | 21.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 57 | 5 | 62 |
| % | 0.00 | 91.94 | 8.06 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 22.31 | 0.19 | 22.50 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 38 | 62 | 0 | 100 |
| % | 38.00 | 62.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 99.97 | 109.39 | 0.00 | 105.81 |
| % SAMP. WT. | 35.90 | 64.10 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 273 - WINTER HARBOUR

SAMPLE NUMBERS: 107

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 27/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 14 | 7 | 39 | 12 | 10 | 1 | 0 | 0 | 17 | 100 |
| % AT AGE | 0.00 | 0.00 | 16.87 | 8.43 | 46.99 | 14.46 | 12.05 | 1.20 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 185.29 | 195.00 | 201.13 | 211.17 | 216.30 | 204.00 | 0.00 | 0.00 | 188.41 | 199.07 |
| - STD. DEV. | 0.00 | 0.00 | 6.94 | 6.61 | 7.47 | 9.93 | 8.31 | 0.00 | 0.00 | 0.00 | 19.41 | 14.34 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 92.14 | 116.29 | 125.08 | 147.33 | 154.40 | 146.00 | 0.00 | 0.00 | 106.47 | 122.50 |
| - STD. DEV. | 0.00 | 0.00 | 14.80 | 23.46 | 19.76 | 17.64 | 22.31 | 0.00 | 0.00 | 0.00 | 25.46 | 27.56 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 58 | 42 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 58.00 | 42.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 40 | 0 | 40 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 28.19 | 0.00 | 28.19 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 60 | 40 | 0 | 100 |
| % | 60.00 | 40.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 114.60 | 134.35 | 0.00 | 122.50 |
| % SAMP. WT. | 56.13 | 43.87 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 273 - WINTER HARBOUR

SAMPLE NUMBERS: 124,106,108

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 2/82 - MAR 5/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 2 | 86 | 24 | 114 | 10 | 20 | 1 | 1 | 0 | 40 | 298 |
| % AT AGE | 0.00 | 0.78 | 33.33 | 9.30 | 44.19 | 3.88 | 7.75 | 0.39 | 0.39 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 160.50 | 183.48 | 194.83 | 201.47 | 208.50 | 213.30 | 215.00 | 215.00 | 0.00 | 194.00 | 195.59 |
| - STD. DEV. | 0.00 | 9.19 | 7.75 | 10.11 | 8.02 | 5.85 | 9.72 | 0.00 | 0.00 | 0.00 | 15.37 | 13.48 |
| WEIGHT - MEAN(gm) | 0.00 | 63.50 | 94.41 | 111.88 | 127.44 | 139.30 | 150.45 | 140.00 | 145.00 | 0.00 | 112.53 | 116.27 |
| - STD. DEV. | 0.00 | 3.54 | 13.91 | 19.16 | 16.80 | 19.09 | 25.12 | 0.00 | 0.00 | 0.00 | 28.33 | 25.65 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 176 | 122 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 59.06 | 40.94 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 142 | 0 | 142 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 28.05 | 0.00 | 28.05 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 156 | 142 | 0 | 298 |
| % | 52.35 | 47.65 | 0.00 | 100.00 |
| MEAN WEIGHT | 110.41 | 122.70 | 0.00 | 116.27 |
| % SAMP. WT. | 49.71 | 50.29 | 0.00 | 100.00 |

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 273 - WINTER HARBOUR

SAMPLE NUMBERS: 116,159, 96,160

SOURCE: ROE FISHERY
PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 7/82 - MAR 11/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 2 | 103 | 27 | 163 | 5 | 20 | 3 | 0 | 0 | 72 | 395 |
| % AT AGE | 0.00 | 0.62 | 31.89 | 8.36 | 50.46 | 1.55 | 6.19 | 0.93 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 153.00 | 185.25 | 195.89 | 203.34 | 206.40 | 210.15 | 215.33 | 0.00 | 0.00 | 194.19 | 196.67 |
| - STD. DEV. | 0.00 | 18.38 | 10.43 | 8.30 | 8.12 | 4.51 | 9.20 | 5.51 | 0.00 | 0.00 | 10.71 | 12.74 |
| WEIGHT - MEAN(gm) | 0.00 | 60.00 | 96.69 | 114.30 | 127.77 | 137.20 | 148.75 | 169.00 | 0.00 | 0.00 | 112.43 | 117.10 |
| - STD. DEV. | 0.00 | 9.90 | 13.98 | 16.26 | 17.12 | 19.66 | 26.50 | 33.15 | 0.00 | 0.00 | 21.74 | 23.89 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 0 | 0 | 291 | 97 | 7 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 0.00 | 0.00 | 73.67 | 24.56 | 1.77 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 0 | 208 | 0 | 208 |
| % | 0.00 | 100.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 28.21 | 0.00 | 28.21 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 187 | 208 | 0 | 395 |
| % | 47.34 | 52.66 | 0.00 | 100.00 |
| MEAN WEIGHT | 110.02 | 123.46 | 0.00 | 117.10 |
| % SAMP. WT. | 44.48 | 55.52 | 0.00 | 100.00 |

TABLE 16 TRAWL SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 51 - OTHER AREA 5

SAMPLE NUMBERS: 56, 89, 48, 66, 40,102, 32, 52

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

WEEK: 21 DATE: NOV 15/81 - NOV 17/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 17 | 78 | 122 | 211 | 51 | 34 | 43 | 13 | 7 | 212 | 788 |
| % AT AGE | 0.00 | 2.95 | 13.54 | 21.18 | 36.63 | 8.85 | 5.90 | 7.47 | 2.26 | 1.22 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 153.47 | 176.15 | 191.26 | 199.96 | 221.80 | 227.03 | 236.30 | 237.00 | 247.00 | 188.93 | 197.88 |
| - STD. DEV. | 0.00 | 14.74 | 8.49 | 9.70 | 11.38 | 11.52 | 9.72 | 9.83 | 8.41 | 13.71 | 25.37 | 23.95 |
| WEIGHT - MEAN(gm) | 0.00 | 57.06 | 88.24 | 114.34 | 131.02 | 164.10 | 177.47 | 196.98 | 194.54 | 216.71 | 110.80 | 126.72 |
| - STD. DEV. | 0.00 | 17.29 | 15.18 | 19.40 | 20.43 | 28.93 | 23.88 | 29.73 | 31.31 | 39.44 | 41.12 | 42.07 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 20 | 178 | 408 | 176 | 6 | 0 | 0 | 0 | 0 |
| % AT STAGE | 2.54 | 22.59 | 51.78 | 22.34 | 0.76 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 358 | 0 | 0 | 358 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 428 | 358 | 1 | 787 |
| % | 54.38 | 45.49 | 0.13 | 100.00 |
| MEAN WEIGHT | 125.82 | 128.18 | 30.00 | 126.77 |
| % SAMP. WT. | 53.98 | 45.99 | 0.03 | 100.00 |

TABLE 16 (CONT.) TRAWL SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 51 - OTHER AREA 5

SAMPLE NUMBERS: 115, 93, 60, 70

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

WEEK: 22 DATE: NOV 23/81 - NOV 24/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 1 | 15 | 45 | 103 | 30 | 20 | 12 | 1 | 2 | 169 | 398 |
| % AT AGE | 0.00 | 0.44 | 6.55 | 19.65 | 44.98 | 13.10 | 8.73 | 5.24 | 0.44 | 0.87 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 165.00 | 177.27 | 193.84 | 197.53 | 218.33 | 224.55 | 233.50 | 253.00 | 233.50 | 193.73 | 198.99 |
| - STD. DEV. | 0.00 | 0.00 | 6.88 | 9.43 | 11.46 | 11.53 | 10.55 | 10.89 | 0.00 | 30.41 | 20.19 | 19.62 |
| WEIGHT - MEAN(gm) | 0.00 | 77.00 | 90.87 | 119.33 | 126.78 | 161.67 | 169.90 | 177.67 | 247.00 | 196.00 | 117.81 | 127.63 |
| - STD. DEV. | 0.00 | 0.00 | 9.89 | 18.75 | 21.95 | 22.52 | 24.68 | 30.38 | 0.00 | ***** | 33.33 | 34.32 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 2 | 67 | 220 | 105 | 4 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.50 | 16.83 | 55.28 | 26.38 | 1.01 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 185 | 0 | 0 | 185 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 213 | 185 | 0 | 398 |
| % | 53.52 | 46.48 | 0.00 | 100.00 |
| MEAN WEIGHT | 126.59 | 128.83 | 0.00 | 127.63 |
| % SAMP. WT. | 53.08 | 46.92 | 0.00 | 100.00 |

TABLE 16 (CONT.) TRAWL SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 99, 61, 63

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

WEEK: 21 DATE: NOV 15/81 - NOV 17/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 8 | 20 | 24 | 94 | 21 | 14 | 15 | 6 | 4 | 90 | 296 |
| % AT AGE | 0.00 | 3.88 | 9.71 | 11.65 | 45.63 | 10.19 | 6.80 | 7.28 | 2.91 | 1.94 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 143.88 | 173.70 | 191.42 | 195.95 | 213.29 | 218.64 | 231.47 | 237.17 | 252.50 | 185.36 | 195.15 |
| - STD. DEV. | 0.00 | 10.99 | 7.56 | 9.24 | 9.56 | 15.13 | 11.87 | 9.85 | 10.03 | 2.08 | 19.28 | 22.64 |
| WEIGHT - MEAN(gm) | 0.00 | 42.63 | 84.70 | 113.04 | 123.31 | 144.76 | 153.86 | 181.87 | 192.00 | 232.00 | 104.76 | 120.84 |
| - STD. DEV. | 0.00 | 12.35 | 12.99 | 16.27 | 19.80 | 26.43 | 21.79 | 31.68 | 32.63 | 25.42 | 30.31 | 38.33 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 13 | 61 | 193 | 29 | 0 | 0 | 0 | 0 | 0 |
| % AT STAGE | 4.39 | 20.61 | 65.20 | 9.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 134 | 0 | 0 | 134 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 162 | 134 | 0 | 296 |
| % | 54.73 | 45.27 | 0.00 | 100.00 |
| MEAN WEIGHT | 116.80 | 125.73 | 0.00 | 120.84 |
| % SAMP. WT. | 52.90 | 47.10 | 0.00 | 100.00 |

TABLE 16 (CONT.) TRAWL SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 104, 24, 95, 87, 73, 68, 53

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

WEEK: 22 DATE: NOV 24/81 - NOV 25/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 8 | 51 | 77 | 169 | 48 | 30 | 20 | 13 | 10 | 269 | 695 |
| % AT AGE | 0.00 | 1.88 | 11.97 | 18.08 | 39.67 | 11.27 | 7.04 | 4.69 | 3.05 | 2.35 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 150.13 | 175.82 | 190.97 | 199.12 | 219.42 | 230.50 | 237.05 | 246.69 | 250.50 | 193.70 | 199.32 |
| - STD. DEV. | 0.00 | 11.06 | 8.60 | 9.05 | 11.72 | 12.13 | 8.95 | 8.86 | 7.48 | 15.16 | 26.85 | 25.02 |
| WEIGHT - MEAN(gm) | 0.00 | 50.50 | 86.20 | 112.08 | 126.89 | 157.71 | 177.00 | 191.70 | 227.54 | 234.90 | 117.01 | 127.15 |
| - STD. DEV. | 0.00 | 13.76 | 13.25 | 16.27 | 20.64 | 28.94 | 19.88 | 24.45 | 24.09 | 40.54 | 43.00 | 43.43 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 22 | 206 | 386 | 75 | 6 | 0 | 0 | 0 | 0 |
| % AT STAGE | 3.17 | 29.64 | 55.54 | 10.79 | 0.86 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 350 | 0 | 0 | 350 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 345 | 350 | 0 | 695 |
| % | 49.64 | 50.36 | 0.00 | 100.00 |
| MEAN WEIGHT | 128.43 | 125.89 | 0.00 | 127.15 |
| % SAMP. WT. | 50.14 | 49.86 | 0.00 | 100.00 |

TABLE 16 (CONT.) TRAWL SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY
SAMPLE NUMBERS: 9, 12
SOURCE: FOOD FISHERY
GEAR: HERRING TRAWL
WEEK: 23 DATE: NOV 30/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 41 | 56 | 45 | 7 | 4 | 4 | 0 | 2 | 38 | 197 |
| % AT AGE | 0.00 | 0.00 | 25.79 | 35.22 | 28.30 | 4.40 | 2.52 | 2.52 | 0.00 | 1.26 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 183.02 | 194.68 | 201.93 | 209.00 | 214.75 | 222.75 | 0.00 | 230.00 | 194.68 | 195.76 |
| - STD. DEV. | 0.00 | 0.00 | 8.81 | 9.98 | 10.00 | 6.90 | 9.43 | 9.46 | 0.00 | 12.73 | 17.61 | 14.61 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 95.63 | 118.54 | 130.96 | 150.57 | 164.75 | 189.00 | 0.00 | 199.00 | 116.97 | 120.63 |
| - STD. DEV. | 0.00 | 0.00 | 16.62 | 18.31 | 21.29 | 24.12 | 14.17 | 29.20 | 0.00 | 36.77 | 34.42 | 30.09 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 24 | 100 | 50 | 22 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.51 | 12.18 | 50.76 | 25.38 | 11.17 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 65 | 0 | 0 | 65 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 132 | 65 | 0 | 197 |
| % | 67.01 | 32.99 | 0.00 | 100.00 |
| MEAN WEIGHT | 120.87 | 120.14 | 0.00 | 120.63 |
| % SAMP. WT. | 67.14 | 32.86 | 0.00 | 100.00 |

TABLE 16 (CONT.) TRAWL SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 181 - OTHER AREA 18

SAMPLE NUMBERS: 2

SOURCE: OTHER

GEAR: HERRING TRAWL

WEEK: 19 DATE: NOV 5/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 4 | 46 | 10 | 3 | 1 | 1 | 0 | 0 | 0 | 34 | 99 |
| % AT AGE | 0.00 | 6.15 | 70.77 | 15.38 | 4.62 | 1.54 | 1.54 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 167.50 | 186.22 | 197.80 | 198.00 | 238.00 | 222.00 | 0.00 | 0.00 | 0.00 | 188.68 | 188.72 |
| - STD. DEV. | 0.00 | 7.90 | 9.05 | 10.20 | 16.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 17.28 | 14.96 |
| WEIGHT - MEAN(gm) | 0.00 | 75.25 | 108.15 | 130.00 | 129.33 | 227.00 | 202.00 | 0.00 | 0.00 | 0.00 | 111.29 | 112.90 |
| - STD. DEV. | 0.00 | 8.96 | 17.81 | 19.23 | 30.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 29.39 | 28.51 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 2 | 11 | 51 | 31 | 4 | 0 | 0 | 0 | 0 |
| % AT STAGE | 2.02 | 11.11 | 51.52 | 31.31 | 4.04 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 42 | 0 | 0 | 42 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 56 | 42 | 0 | 98 |
| % | 57.14 | 42.86 | 0.00 | 100.00 |
| MEAN WEIGHT | 111.14 | 115.83 | 0.00 | 113.15 |
| % SAMP. WT. | 56.13 | 43.87 | 0.00 | 100.00 |

TABLE 16 (CONT.) TRAWL SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 191 - OTHER AREA 19

SAMPLE NUMBERS: 4

SOURCE: OTHER

GEAR: HERRING TRAWL

WEEK: 20 DATE: NOV 11/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 3 | 33 | 17 | 8 | 4 | 0 | 0 | 0 | 0 | 32 | 97 |
| % AT AGE | 0.00 | 4.62 | 50.77 | 26.15 | 12.31 | 6.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 165.67 | 189.45 | 198.41 | 206.38 | 206.50 | 0.00 | 0.00 | 0.00 | 0.00 | 184.75 | 190.84 |
| - STD. DEV. | 0.00 | 4.51 | 6.51 | 9.95 | 6.82 | 14.93 | 0.00 | 0.00 | 0.00 | 0.00 | 18.35 | 14.95 |
| WEIGHT - MEAN(gm) | 0.00 | 66.00 | 111.21 | 131.18 | 143.25 | 145.00 | 0.00 | 0.00 | 0.00 | 0.00 | 104.50 | 115.13 |
| - STD. DEV. | 0.00 | 1.00 | 14.88 | 20.42 | 13.92 | 25.01 | 0.00 | 0.00 | 0.00 | 0.00 | 33.52 | 28.41 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 14 | 45 | 29 | 9 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 14.43 | 46.39 | 29.90 | 9.28 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 45 | 0 | 0 | 45 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 52 | 45 | 0 | 97 |
| % | 53.61 | 46.39 | 0.00 | 100.00 |
| MEAN WEIGHT | 112.27 | 118.44 | 0.00 | 115.13 |
| % SAMP. WT. | 52.27 | 47.73 | 0.00 | 100.00 |

TABLE 16 (CONT.) TRAWL SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 193 - VICTORIA HARBOUR

SAMPLE NUMBERS: 10, 7,117

SOURCE: OTHER

GEAR: HERRING TRAWL

WEEK: 18 DATE: OCT 26/81 - OCT 30/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 3 | 83 | 65 | 23 | 2 | 4 | 1 | 0 | 0 | 118 | 299 |
| % AT AGE | 0.00 | 1.66 | 45.86 | 35.91 | 12.71 | 1.10 | 2.21 | 0.55 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 160.33 | 185.98 | 196.77 | 203.26 | 202.50 | 215.25 | 219.00 | 0.00 | 0.00 | 190.49 | 191.79 |
| - STD. DEV. | 0.00 | 6.51 | 9.23 | 9.73 | 7.54 | 6.36 | 11.73 | 0.00 | 0.00 | 0.00 | 15.19 | 13.66 |
| WEIGHT - MEAN(gm) | 0.00 | 64.33 | 107.17 | 128.26 | 143.22 | 139.50 | 183.75 | 195.00 | 0.00 | 0.00 | 119.75 | 120.60 |
| - STD. DEV. | 0.00 | 10.21 | 16.21 | 21.65 | 18.79 | 24.75 | 38.83 | 0.00 | 0.00 | 0.00 | 27.88 | 27.04 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 79 | 158 | 56 | 6 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 26.42 | 52.84 | 18.73 | 2.01 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 122 | 0 | 0 | 122 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 177 | 122 | 0 | 299 |
| % | 59.20 | 40.80 | 0.00 | 100.00 |
| MEAN WEIGHT | 117.45 | 125.17 | 0.00 | 120.60 |
| % SAMP. WT. | 57.65 | 42.35 | 0.00 | 100.00 |

TABLE 16 (CONT.) TRAWL SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 193 - VICTORIA HARBOUR

SAMPLE NUMBERS: 1,113

SOURCE: FOOD FISHERY
OTHER

GEAR: HERRING TRAWL

WEEK: 19 DATE: NOV 2/81 - NOV 3/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 2 | 59 | 34 | 11 | 5 | 3 | 0 | 0 | 0 | 85 | 199 |
| % AT AGE | 0.00 | 1.75 | 51.75 | 29.82 | 9.65 | 4.39 | 2.63 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 172.00 | 183.80 | 198.15 | 209.45 | 215.20 | 218.33 | 0.00 | 0.00 | 0.00 | 191.64 | 192.21 |
| - STD. DEV. | 0.00 | 9.90 | 8.92 | 9.77 | 7.38 | 11.43 | 11.06 | 0.00 | 0.00 | 0.00 | 17.97 | 15.97 |
| WEIGHT - MEAN(gm) | 0.00 | 89.50 | 105.54 | 132.62 | 159.27 | 182.00 | 186.00 | 0.00 | 0.00 | 0.00 | 124.32 | 124.13 |
| - STD. DEV. | 0.00 | 20.51 | 18.08 | 19.60 | 21.57 | 21.41 | 11.27 | 0.00 | 0.00 | 0.00 | 27.50 | 29.25 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 38 | 128 | 31 | 0 | 0 | 0 | 1 | 0 |
| % AT STAGE | 0.50 | 19.10 | 64.32 | 15.58 | 0.00 | 0.00 | 0.00 | 0.50 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 95 | 0 | 1 | 96 |
| % | 98.96 | 0.00 | 1.04 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 102 | 96 | 1 | 199 |
| % | 51.26 | 48.24 | 0.50 | 100.00 |
| MEAN WEIGHT | 123.66 | 125.43 | 48.00 | 124.13 |
| % SAMP. WT. | 51.06 | 48.75 | 0.19 | 100.00 |

TABLE 16 (CONT.) TRAWL SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 193 - VICTORIA HARBOUR

SAMPLE NUMBERS: 6

SOURCE: OTHER

GEAR: HERRING TRAWL

WEEK: 21 DATE: NOV 15/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 3 | 28 | 13 | 4 | 1 | 0 | 0 | 0 | 0 | 51 | 100 |
| % AT AGE | 0.00 | 6.12 | 57.14 | 26.53 | 8.16 | 2.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 175.00 | 189.14 | 194.92 | 213.50 | 211.00 | 0.00 | 0.00 | 0.00 | 0.00 | 192.33 | 192.29 |
| - STD. DEV. | 0.00 | 3.61 | 7.48 | 7.49 | 4.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.82 | 11.85 |
| WEIGHT - MEAN(gm) | 0.00 | 83.67 | 113.00 | 122.92 | 171.75 | 150.00 | 0.00 | 0.00 | 0.00 | 0.00 | 119.76 | 119.58 |
| - STD. DEV. | 0.00 | 10.02 | 15.20 | 16.54 | 13.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 28.51 | 26.20 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 3 | 62 | 26 | 9 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 3.00 | 62.00 | 26.00 | 9.00 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 51 | 0 | 0 | 51 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 49 | 51 | 0 | 100 |
| % | 49.00 | 51.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 119.41 | 119.75 | 0.00 | 119.58 |
| % SAMP. WT. | 48.93 | 51.07 | 0.00 | 100.00 |

TABLE 17 INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 36, 38

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 10/81 - NOV 11/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 4 | 47 | 46 | 23 | 6 | 1 | 1 | 0 | 0 | 71 | 199 |
| % AT AGE | 0.00 | 3.13 | 36.72 | 35.94 | 17.97 | 4.69 | 0.78 | 0.78 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 161.00 | 185.57 | 199.00 | 208.96 | 218.17 | 223.00 | 234.00 | 0.00 | 0.00 | 193.01 | 194.95 |
| - STD. DEV. | 0.00 | 4.55 | 8.00 | 6.95 | 8.59 | 7.36 | 0.00 | 0.00 | 0.00 | 0.00 | 15.96 | 15.03 |
| WEIGHT - MEAN(gm) | 0.00 | 69.00 | 103.85 | 132.02 | 154.48 | 175.50 | 172.00 | 211.00 | 0.00 | 0.00 | 124.48 | 125.91 |
| - STD. DEV. | 0.00 | 5.89 | 15.46 | 16.54 | 21.80 | 8.57 | 0.00 | 0.00 | 0.00 | 0.00 | 26.70 | 28.84 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 19 | 127 | 39 | 14 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 9.55 | 63.82 | 19.60 | 7.04 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 86 | 0 | 0 | 86 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 113 | 86 | 0 | 199 |
| % | 56.78 | 43.22 | 0.00 | 100.00 |
| MEAN WEIGHT | 122.50 | 130.41 | 0.00 | 125.91 |
| % SAMP. WT. | 55.24 | 44.76 | 0.00 | 100.00 |

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 33, 47

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 16/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 13 | 75 | 29 | 7 | 0 | 1 | 0 | 0 | 0 | 75 | 200 |
| % AT AGE | 0.00 | 10.40 | 60.00 | 23.20 | 5.60 | 0.00 | 0.80 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 160.08 | 180.55 | 192.00 | 202.14 | 0.00 | 215.00 | 0.00 | 0.00 | 0.00 | 185.93 | 183.82 |
| - STD. DEV. | 0.00 | 5.01 | 7.56 | 8.54 | 13.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.12 | 12.72 |
| WEIGHT - MEAN(gm) | 0.00 | 69.08 | 97.91 | 121.38 | 145.29 | 0.00 | 186.00 | 0.00 | 0.00 | 0.00 | 105.72 | 104.46 |
| - STD. DEV. | 0.00 | 9.16 | 11.84 | 17.06 | 22.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 21.63 | 22.80 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 36 | 110 | 53 | 0 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.50 | 18.00 | 55.00 | 26.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 92 | 0 | 0 | 92 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 107 | 92 | 0 | 199 |
| % | 53.77 | 46.23 | 0.00 | 100.00 |
| MEAN WEIGHT | 104.61 | 104.63 | 0.00 | 104.62 |
| % SAMP. WT. | 53.76 | 46.24 | 0.00 | 100.00 |

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 132,129, 54,134,118

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 9/81 - NOV 10/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 80 | 113 | 89 | 31 | 13 | 12 | 1 | 0 | 0 | 158 | 497 |
| % AT AGE | 0.00 | 23.60 | 33.33 | 26.25 | 9.14 | 3.83 | 3.54 | 0.29 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 154.48 | 179.86 | 195.74 | 208.19 | 214.69 | 224.83 | 230.00 | 0.00 | 0.00 | 188.80 | 185.33 |
| - STD. DEV. | 0.00 | 9.23 | 8.77 | 8.49 | 10.20 | 7.63 | 9.48 | 0.00 | 0.00 | 0.00 | 16.60 | 20.53 |
| WEIGHT - MEAN(gm) | 0.00 | 58.76 | 95.57 | 126.37 | 146.29 | 163.46 | 190.42 | 204.00 | 0.00 | 0.00 | 112.76 | 108.07 |
| - STD. DEV. | 0.00 | 9.94 | 15.88 | 19.06 | 23.81 | 15.05 | 19.84 | 0.00 | 0.00 | 0.00 | 30.54 | 36.47 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 21 | 73 | 265 | 129 | 9 | 0 | 0 | 0 | 0 |
| % AT STAGE | 4.23 | 14.69 | 53.32 | 25.96 | 1.81 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 234 | 0 | 0 | 234 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 260 | 234 | 3 | 497 |
| % | 52.31 | 47.08 | 0.60 | 100.00 |
| MEAN WEIGHT | 105.99 | 110.88 | 69.67 | 108.07 |
| % SAMP. WT. | 51.31 | 48.31 | 0.39 | 100.00 |

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 135,122

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 22/81 - NOV 24/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 15 | 46 | 49 | 17 | 6 | 4 | 3 | 0 | 1 | 58 | 199 |
| % AT AGE | 0.00 | 10.64 | 32.62 | 34.75 | 12.06 | 4.26 | 2.84 | 2.13 | 0.00 | 0.71 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 160.47 | 179.35 | 194.43 | 204.53 | 220.50 | 220.25 | 229.00 | 0.00 | 231.00 | 187.71 | 189.30 |
| - STD. DEV. | 0.00 | 5.11 | 8.99 | 8.23 | 9.19 | 10.63 | 11.12 | 4.00 | 0.00 | 0.00 | 24.26 | 20.31 |
| WEIGHT - MEAN(gm) | 0.00 | 68.93 | 96.48 | 123.88 | 144.88 | 191.83 | 181.00 | 199.33 | 0.00 | 174.00 | 114.48 | 117.05 |
| - STD. DEV. | 0.00 | 8.72 | 14.82 | 17.15 | 19.85 | 35.36 | 14.58 | 4.04 | 0.00 | 0.00 | 31.14 | 34.60 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 9 | 117 | 62 | 11 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 4.52 | 58.79 | 31.16 | 5.53 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 95 | 0 | 0 | 95 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 104 | 95 | 0 | 199 |
| % | 52.26 | 47.74 | 0.00 | 100.00 |
| MEAN WEIGHT | 112.96 | 121.52 | 0.00 | 117.05 |
| % SAMP. WT. | 50.44 | 49.56 | 0.00 | 100.00 |

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17
SAMPLE NUMBERS: 136
SOURCE: RESEARCH - INSHORE
GEAR: HERRING SEINE
WEEK: 30 DATE: JAN 19/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 8 | 22 | 21 | 11 | 6 | 1 | 1 | 0 | 30 | 100 |
| % AT AGE | 0.00 | 0.00 | 11.43 | 31.43 | 30.00 | 15.71 | 8.57 | 1.43 | 1.43 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 188.88 | 201.59 | 210.67 | 217.73 | 220.00 | 234.00 | 235.00 | 0.00 | 205.77 | 207.27 |
| - STD. DEV. | 0.00 | 0.00 | 13.02 | 6.17 | 7.96 | 7.99 | 3.63 | 0.00 | 0.00 | 0.00 | 12.69 | 12.72 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 107.00 | 126.09 | 144.14 | 153.00 | 167.33 | 181.00 | 199.00 | 0.00 | 133.37 | 137.25 |
| - STD. DEV. | 0.00 | 0.00 | 19.95 | 16.46 | 13.34 | 15.40 | 15.31 | 0.00 | 0.00 | 0.00 | 26.85 | 25.00 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 28 | 70 | 2 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 28.00 | 70.00 | 2.00 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 42 | 0 | 0 | 42 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 58 | 42 | 0 | 100 |
| % | 58.00 | 42.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 134.91 | 140.48 | 0.00 | 137.25 |
| % SAMP. WT. | 57.01 | 42.99 | 0.00 | 100.00 |

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 37,128, 34,131, 50, 51

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 9/81 - NOV 12/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 2 | 75 | 169 | 95 | 44 | 19 | 6 | 2 | 0 | 0 | 185 | 597 |
| % AT AGE | 0.49 | 18.20 | 41.02 | 23.06 | 10.68 | 4.61 | 1.46 | 0.49 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 101.00 | 147.45 | 181.86 | 195.74 | 206.93 | 215.58 | 226.33 | 229.00 | 0.00 | 0.00 | 187.84 | 184.85 |
| - STD. DEV. | 5.66 | 14.46 | 7.92 | 8.57 | 7.89 | 7.27 | 7.55 | 4.24 | 0.00 | 0.00 | 20.76 | 22.56 |
| WEIGHT - MEAN(gm) | 15.50 | 54.35 | 99.85 | 126.41 | 151.82 | 179.89 | 198.50 | 213.00 | 0.00 | 0.00 | 115.29 | 110.61 |
| - STD. DEV. | 2.12 | 14.41 | 14.81 | 19.23 | 17.16 | 20.50 | 24.42 | 12.73 | 0.00 | 0.00 | 35.70 | 38.44 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 30 | 84 | 311 | 152 | 15 | 0 | 0 | 0 | 5 |
| % AT STAGE | 5.03 | 14.07 | 52.09 | 25.46 | 2.51 | 0.00 | 0.00 | 0.00 | 0.84 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 305 | 0 | 0 | 305 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 287 | 305 | 5 | 597 |
| % | 48.07 | 51.09 | 0.84 | 100.00 |
| MEAN WEIGHT | 108.05 | 114.44 | 24.00 | 110.61 |
| % SAMP. WT. | 46.96 | 52.86 | 0.18 | 100.00 |

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 133, 91,127

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 16/81 - NOV 21/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 11 | 86 | 52 | 32 | 11 | 8 | 4 | 0 | 0 | 92 | 296 |
| % AT AGE | 0.00 | 5.39 | 42.16 | 25.49 | 15.69 | 5.39 | 3.92 | 1.96 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 160.91 | 183.60 | 196.42 | 207.66 | 213.27 | 225.50 | 228.25 | 0.00 | 0.00 | 193.35 | 193.48 |
| - STD. DEV. | 0.00 | 6.58 | 8.15 | 8.73 | 6.47 | 11.37 | 8.85 | 8.85 | 0.00 | 0.00 | 12.33 | 15.57 |
| WEIGHT - MEAN(gm) | 0.00 | 68.64 | 101.16 | 128.75 | 151.28 | 173.73 | 191.75 | 205.75 | 0.00 | 0.00 | 117.72 | 121.92 |
| - STD. DEV. | 0.00 | 6.52 | 13.90 | 20.83 | 18.31 | 27.37 | 21.51 | 26.40 | 0.00 | 0.00 | 23.67 | 32.40 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 19 | 210 | 64 | 2 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.34 | 6.42 | 70.95 | 21.62 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 133 | 0 | 0 | 133 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 163 | 133 | 0 | 296 |
| % | 55.07 | 44.93 | 0.00 | 100.00 |
| MEAN WEIGHT | 124.12 | 119.23 | 0.00 | 121.92 |
| % SAMP. WT. | 56.06 | 43.94 | 0.00 | 100.00 |

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 49,130

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 22/81 - NOV 23/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 6 | 54 | 50 | 21 | 2 | 0 | 0 | 0 | 0 | 66 | 199 |
| % AT AGE | 0.00 | 4.51 | 40.60 | 37.59 | 15.79 | 1.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 162.00 | 185.78 | 198.94 | 208.52 | 216.50 | 0.00 | 0.00 | 0.00 | 0.00 | 194.74 | 194.05 |
| - STD. DEV. | 0.00 | 5.22 | 8.10 | 8.01 | 7.24 | 14.85 | 0.00 | 0.00 | 0.00 | 0.00 | 13.51 | 13.55 |
| WEIGHT - MEAN(gm) | 0.00 | 69.17 | 102.19 | 126.72 | 147.38 | 184.00 | 0.00 | 0.00 | 0.00 | 0.00 | 121.92 | 119.49 |
| - STD. DEV. | 0.00 | 8.45 | 13.81 | 15.25 | 16.20 | 19.80 | 0.00 | 0.00 | 0.00 | 0.00 | 27.38 | 26.14 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 8 | 140 | 47 | 4 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 4.02 | 70.35 | 23.62 | 2.01 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 101 | 0 | 0 | 101 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 97 | 101 | 0 | 198 |
| % | 48.99 | 51.01 | 0.00 | 100.00 |
| MEAN WEIGHT | 119.78 | 119.80 | 0.00 | 119.79 |
| % SAMP. WT. | 48.99 | 51.01 | 0.00 | 100.00 |

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 121,138,123

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 23 DATE: NOV 29/81 - DEC 2/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 20 | 92 | 63 | 21 | 2 | 0 | 1 | 0 | 0 | 100 | 299 |
| % AT AGE | 0.00 | 10.05 | 46.23 | 31.66 | 10.55 | 1.01 | 0.00 | 0.50 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 158.95 | 183.47 | 194.35 | 207.00 | 209.00 | 0.00 | 207.00 | 0.00 | 0.00 | 186.32 | 186.98 |
| - STD. DEV. | 0.00 | 7.94 | 8.71 | 10.11 | 9.07 | 7.07 | 0.00 | 0.00 | 0.00 | 0.00 | 14.64 | 15.04 |
| WEIGHT - MEAN(gm) | 0.00 | 66.00 | 101.54 | 121.60 | 144.29 | 159.50 | 0.00 | 147.00 | 0.00 | 0.00 | 107.46 | 108.91 |
| - STD. DEV. | 0.00 | 8.56 | 16.37 | 19.93 | 18.47 | 17.68 | 0.00 | 0.00 | 0.00 | 0.00 | 27.71 | 27.08 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 12 | 212 | 73 | 1 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.33 | 4.01 | 70.90 | 24.41 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 149 | 0 | 0 | 149 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 150 | 149 | 0 | 299 |
| % | 50.17 | 49.83 | 0.00 | 100.00 |
| MEAN WEIGHT | 103.61 | 114.25 | 0.00 | 108.91 |
| % SAMP. WT. | 47.73 | 52.27 | 0.00 | 100.00 |

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 124,125

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 7/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 6 | 64 | 40 | 6 | 1 | 1 | 0 | 0 | 0 | 81 | 199 |
| % AT AGE | 0.00 | 5.08 | 54.24 | 33.90 | 5.08 | 0.85 | 0.85 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 157.50 | 182.55 | 195.82 | 203.67 | 214.00 | 222.00 | 0.00 | 0.00 | 0.00 | 187.33 | 187.40 |
| - STD. DEV. | 0.00 | 12.08 | 8.06 | 8.11 | 9.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.93 | 13.58 |
| WEIGHT - MEAN(gm) | 0.00 | 63.33 | 99.56 | 129.90 | 137.17 | 157.00 | 149.00 | 0.00 | 0.00 | 0.00 | 110.01 | 110.49 |
| - STD. DEV. | 0.00 | 14.29 | 16.47 | 16.89 | 24.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 26.82 | 25.99 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 11 | 116 | 67 | 5 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 5.53 | 58.29 | 33.67 | 2.51 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 98 | 0 | 0 | 98 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 101 | 98 | 0 | 199 |
| % | 50.75 | 49.25 | 0.00 | 100.00 |
| MEAN WEIGHT | 106.50 | 114.60 | 0.00 | 110.49 |
| % SAMP. WT. | 48.92 | 51.08 | 0.00 | 100.00 |

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 126

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 25 DATE: DEC 14/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 3 | 35 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 42 | 100 |
| % AT AGE | 0.00 | 5.17 | 60.34 | 25.86 | 8.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 151.67 | 178.20 | 191.53 | 205.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 178.98 | 181.11 |
| - STD. DEV. | 0.00 | 6.35 | 8.57 | 11.18 | 7.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.76 | 15.08 |
| WEIGHT - MEAN(gm) | 0.00 | 61.67 | 95.14 | 120.73 | 144.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 95.93 | 100.79 |
| - STD. DEV. | 0.00 | 4.04 | 15.45 | 20.32 | 20.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 23.75 | 24.84 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 32 | 61 | 7 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 32.00 | 61.00 | 7.00 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 47 | 0 | 0 | 47 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 53 | 47 | 0 | 100 |
| % | 53.00 | 47.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 95.25 | 107.04 | 0.00 | 100.79 |
| % SAMP. WT. | 50.08 | 49.92 | 0.00 | 100.00 |

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT
SAMPLE NUMBERS: 137
SOURCE: RESEARCH - INSHORE
GEAR: HERRING SEINE
WEEK: 31 DATE: JAN 29/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 10 | 26 | 16 | 9 | 2 | 2 | 1 | 0 | 0 | 34 | 100 |
| % AT AGE | 0.00 | 15.15 | 39.39 | 24.24 | 13.64 | 3.03 | 3.03 | 1.52 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 151.30 | 178.31 | 201.81 | 206.89 | 227.50 | 236.50 | 231.00 | 0.00 | 0.00 | 192.50 | 189.44 |
| - STD. DEV. | 0.00 | 8.49 | 8.42 | 8.38 | 7.99 | 3.54 | 2.12 | 0.00 | 0.00 | 0.00 | 19.96 | 22.36 |
| WEIGHT - MEAN(gm) | 0.00 | 50.50 | 81.38 | 114.94 | 124.89 | 172.50 | 188.00 | 183.00 | 0.00 | 0.00 | 101.24 | 99.30 |
| - STD. DEV. | 0.00 | 8.38 | 12.63 | 19.18 | 15.15 | 4.95 | 7.07 | 0.00 | 0.00 | 0.00 | 30.43 | 34.55 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 1 | 6 | 93 | 0 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 1.00 | 6.00 | 93.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 46 | 0 | 0 | 46 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 54 | 46 | 0 | 100 |
| % | 54.00 | 46.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 92.00 | 107.87 | 0.00 | 99.30 |
| % SAMP. WT. | 50.03 | 49.97 | 0.00 | 100.00 |

TABLE 18 INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 14 - COMOX

SAMPLE NUMBERS: 36, 38

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 10/81 - NOV 11/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 4 | 47 | 46 | 23 | 6 | 1 | 1 | 0 | 0 | 71 | 199 |
| % AT AGE | 0.00 | 3.13 | 36.72 | 35.94 | 17.97 | 4.69 | 0.78 | 0.78 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 161.00 | 185.57 | 199.00 | 208.96 | 218.17 | 223.00 | 234.00 | 0.00 | 0.00 | 193.01 | 194.95 |
| - STD. DEV. | 0.00 | 4.55 | 8.00 | 6.95 | 8.59 | 7.36 | 0.00 | 0.00 | 0.00 | 0.00 | 15.96 | 15.03 |
| WEIGHT - MEAN(gm) | 0.00 | 69.00 | 103.85 | 132.02 | 154.48 | 175.50 | 172.00 | 211.00 | 0.00 | 0.00 | 124.48 | 125.91 |
| - STD. DEV. | 0.00 | 5.89 | 15.46 | 16.54 | 21.80 | 8.57 | 0.00 | 0.00 | 0.00 | 0.00 | 26.70 | 28.84 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 19 | 127 | 39 | 14 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 9.55 | 63.82 | 19.60 | 7.04 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 86 | 0 | 0 | 86 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 113 | 86 | 0 | 199 |
| % | 56.78 | 43.22 | 0.00 | 100.00 |
| MEAN WEIGHT | 122.50 | 130.41 | 0.00 | 125.91 |
| % SAMP. WT. | 55.24 | 44.76 | 0.00 | 100.00 |

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 14 - COMOX

SAMPLE NUMBERS: 33, 47

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 16/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 13 | 75 | 29 | 7 | 0 | 1 | 0 | 0 | 0 | 75 | 200 |
| % AT AGE | 0.00 | 10.40 | 60.00 | 23.20 | 5.60 | 0.00 | 0.80 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 160.08 | 180.55 | 192.00 | 202.14 | 0.00 | 215.00 | 0.00 | 0.00 | 0.00 | 185.93 | 183.82 |
| - STD. DEV. | 0.00 | 5.01 | 7.56 | 8.54 | 13.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.12 | 12.72 |
| WEIGHT - MEAN(gm) | 0.00 | 69.08 | 97.91 | 121.38 | 145.29 | 0.00 | 186.00 | 0.00 | 0.00 | 0.00 | 105.72 | 104.46 |
| - STD. DEV. | 0.00 | 9.16 | 11.84 | 17.06 | 22.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 21.63 | 22.80 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 36 | 110 | 53 | 0 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.50 | 18.00 | 55.00 | 26.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 92 | 0 | 0 | 92 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 107 | 92 | 0 | 199 |
| % | 53.77 | 46.23 | 0.00 | 100.00 |
| MEAN WEIGHT | 104.61 | 104.63 | 0.00 | 104.62 |
| % SAMP. WT. | 53.76 | 46.24 | 0.00 | 100.00 |

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 132,131,129, 54, 51,134, 50, 37,128, 34, 118

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 9/81 - NOV 12/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 2 | 155 | 282 | 184 | 75 | 32 | 18 | 3 | 0 | 0 | 343 | 1094 |
| % AT AGE | 0.27 | 20.64 | 37.55 | 24.50 | 9.99 | 4.26 | 2.40 | 0.40 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 101.00 | 151.08 | 181.06 | 195.74 | 207.45 | 215.22 | 225.33 | 229.33 | 0.00 | 0.00 | 188.28 | 185.07 |
| - STD. DEV. | 5.66 | 12.51 | 8.32 | 8.50 | 8.87 | 7.31 | 8.68 | 3.06 | 0.00 | 0.00 | 18.94 | 21.65 |
| WEIGHT - MEAN(gm) | 15.50 | 56.63 | 98.13 | 126.39 | 149.53 | 173.22 | 193.11 | 210.00 | 0.00 | 0.00 | 114.13 | 109.46 |
| - STD. DEV. | 2.12 | 12.46 | 15.36 | 19.10 | 20.21 | 19.97 | 21.11 | 10.39 | 0.00 | 0.00 | 33.40 | 37.56 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 51 | 157 | 576 | 281 | 24 | 0 | 0 | 0 | 5 |
| % AT STAGE | 4.66 | 14.35 | 52.65 | 25.69 | 2.19 | 0.00 | 0.00 | 0.00 | 0.46 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 539 | 0 | 0 | 539 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 547 | 539 | 8 | 1094 |
| % | 50.00 | 49.27 | 0.73 | 100.00 |
| MEAN WEIGHT | 107.07 | 112.90 | 41.13 | 109.46 |
| % SAMP. WT. | 48.91 | 50.82 | 0.27 | 100.00 |

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 127, 91,133

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 16/81 - NOV 21/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 11 | 86 | 52 | 32 | 11 | 8 | 4 | 0 | 0 | 92 | 296 |
| % AT AGE | 0.00 | 5.39 | 42.16 | 25.49 | 15.69 | 5.39 | 3.92 | 1.96 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 160.91 | 183.60 | 196.42 | 207.66 | 213.27 | 225.50 | 228.25 | 0.00 | 0.00 | 193.35 | 193.48 |
| - STD. DEV. | 0.00 | 6.58 | 8.15 | 8.73 | 6.47 | 11.37 | 8.85 | 8.85 | 0.00 | 0.00 | 12.33 | 15.57 |
| WEIGHT - MEAN(gm) | 0.00 | 68.64 | 101.16 | 128.75 | 151.28 | 173.73 | 191.75 | 205.75 | 0.00 | 0.00 | 117.72 | 121.92 |
| - STD. DEV. | 0.00 | 6.52 | 13.90 | 20.83 | 18.31 | 27.37 | 21.51 | 26.40 | 0.00 | 0.00 | 23.67 | 32.40 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 19 | 210 | 64 | 2 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.34 | 6.42 | 70.95 | 21.62 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 133 | 0 | 0 | 133 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 163 | 133 | 0 | 296 |
| % | 55.07 | 44.93 | 0.00 | 100.00 |
| MEAN WEIGHT | 124.12 | 119.23 | 0.00 | 121.92 |
| % SAMP. WT. | 56.06 | 43.94 | 0.00 | 100.00 |

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 49,122,130,135

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 22/81 - NOV 24/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 21 | 100 | 99 | 38 | 8 | 4 | 3 | 0 | 1 | 124 | 398 |
| % AT AGE | 0.00 | 7.66 | 36.50 | 36.13 | 13.87 | 2.92 | 1.46 | 1.09 | 0.00 | 0.36 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 160.90 | 182.82 | 196.71 | 206.74 | 219.50 | 220.25 | 229.00 | 0.00 | 231.00 | 191.45 | 191.67 |
| - STD. DEV. | 0.00 | 5.06 | 9.07 | 8.39 | 8.30 | 10.76 | 11.12 | 4.00 | 0.00 | 0.00 | 19.54 | 17.41 |
| WEIGHT - MEAN(gm) | 0.00 | 69.00 | 99.56 | 125.31 | 146.26 | 189.88 | 181.00 | 199.33 | 0.00 | 174.00 | 118.44 | 118.27 |
| - STD. DEV. | 0.00 | 8.43 | 14.49 | 16.20 | 17.71 | 31.02 | 14.58 | 4.04 | 0.00 | 0.00 | 29.32 | 30.65 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 17 | 257 | 109 | 15 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 4.27 | 64.57 | 27.39 | 3.77 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 196 | 0 | 0 | 196 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 201 | 196 | 0 | 397 |
| % | 50.63 | 49.37 | 0.00 | 100.00 |
| MEAN WEIGHT | 116.25 | 120.63 | 0.00 | 118.42 |
| % SAMP. WT. | 49.71 | 50.29 | 0.00 | 100.00 |

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 123,121,138

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 23 DATE: NOV 29/81 - DEC 2/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 20 | 92 | 63 | 21 | 2 | 0 | 1 | 0 | 0 | 100 | 299 |
| % AT AGE | 0.00 | 10.05 | 46.23 | 31.66 | 10.55 | 1.01 | 0.00 | 0.50 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 158.95 | 183.47 | 194.35 | 207.00 | 209.00 | 0.00 | 207.00 | 0.00 | 0.00 | 186.32 | 186.98 |
| - STD. DEV. | 0.00 | 7.94 | 8.71 | 10.11 | 9.07 | 7.07 | 0.00 | 0.00 | 0.00 | 0.00 | 14.64 | 15.04 |
| WEIGHT - MEAN(gm) | 0.00 | 66.00 | 101.54 | 121.60 | 144.29 | 159.50 | 0.00 | 147.00 | 0.00 | 0.00 | 107.46 | 108.91 |
| - STD. DEV. | 0.00 | 8.56 | 16.37 | 19.93 | 18.47 | 17.68 | 0.00 | 0.00 | 0.00 | 0.00 | 27.71 | 27.08 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 1 | 12 | 212 | 73 | 1 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.33 | 4.01 | 70.90 | 24.41 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 149 | 0 | 0 | 149 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 150 | 149 | 0 | 299 |
| % | 50.17 | 49.83 | 0.00 | 100.00 |
| MEAN WEIGHT | 103.61 | 114.25 | 0.00 | 108.91 |
| % SAMP. WT. | 47.73 | 52.27 | 0.00 | 100.00 |

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 124,125

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 7/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 6 | 64 | 40 | 6 | 1 | 1 | 0 | 0 | 0 | 81 | 199 |
| % AT AGE | 0.00 | 5.08 | 54.24 | 33.90 | 5.08 | 0.85 | 0.85 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 157.50 | 182.55 | 195.82 | 203.67 | 214.00 | 222.00 | 0.00 | 0.00 | 0.00 | 187.33 | 187.40 |
| - STD. DEV. | 0.00 | 12.08 | 8.06 | 8.11 | 9.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.93 | 13.58 |
| WEIGHT - MEAN(gm) | 0.00 | 63.33 | 99.56 | 129.90 | 137.17 | 157.00 | 149.00 | 0.00 | 0.00 | 0.00 | 110.01 | 110.49 |
| - STD. DEV. | 0.00 | 14.29 | 16.47 | 16.89 | 24.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 26.82 | 25.99 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 11 | 116 | 67 | 5 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 5.53 | 58.29 | 33.67 | 2.51 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 98 | 0 | 0 | 98 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 101 | 98 | 0 | 199 |
| % | 50.75 | 49.25 | 0.00 | 100.00 |
| MEAN WEIGHT | 106.50 | 114.60 | 0.00 | 110.49 |
| % SAMP. WT. | 48.92 | 51.08 | 0.00 | 100.00 |

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 126

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 25 DATE: DEC 14/81

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 3 | 35 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 42 | 100 |
| % AT AGE | 0.00 | 5.17 | 60.34 | 25.86 | 8.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 151.67 | 178.20 | 191.53 | 205.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 178.98 | 181.11 |
| - STD. DEV. | 0.00 | 6.35 | 8.57 | 11.18 | 7.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 15.76 | 15.08 |
| WEIGHT - MEAN(gm) | 0.00 | 61.67 | 95.14 | 120.73 | 144.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 95.93 | 100.79 |
| - STD. DEV. | 0.00 | 4.04 | 15.45 | 20.32 | 20.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 23.75 | 24.84 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 32 | 61 | 7 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 32.00 | 61.00 | 7.00 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 47 | 0 | 0 | 47 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 53 | 47 | 0 | 100 |
| % | 53.00 | 47.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 95.25 | 107.04 | 0.00 | 100.79 |
| % SAMP. WT. | 50.08 | 49.92 | 0.00 | 100.00 |

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 136

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 30 DATE: JAN 19/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 0 | 8 | 22 | 21 | 11 | 6 | 1 | 1 | 0 | 30 | 100 |
| % AT AGE | 0.00 | 0.00 | 11.43 | 31.43 | 30.00 | 15.71 | 8.57 | 1.43 | 1.43 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 0.00 | 188.88 | 201.59 | 210.67 | 217.73 | 220.00 | 234.00 | 235.00 | 0.00 | 205.77 | 207.27 |
| - STD. DEV. | 0.00 | 0.00 | 13.02 | 6.17 | 7.96 | 7.99 | 3.63 | 0.00 | 0.00 | 0.00 | 12.69 | 12.72 |
| WEIGHT - MEAN(gm) | 0.00 | 0.00 | 107.00 | 126.09 | 144.14 | 153.00 | 167.33 | 181.00 | 199.00 | 0.00 | 133.37 | 137.25 |
| - STD. DEV. | 0.00 | 0.00 | 19.95 | 16.46 | 13.34 | 15.40 | 15.31 | 0.00 | 0.00 | 0.00 | 26.85 | 25.00 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 0 | 28 | 70 | 2 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 0.00 | 28.00 | 70.00 | 2.00 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 42 | 0 | 0 | 42 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 58 | 42 | 0 | 100 |
| % | 58.00 | 42.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 134.91 | 140.48 | 0.00 | 137.25 |
| % SAMP. WT. | 57.01 | 42.99 | 0.00 | 100.00 |

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 137

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 31 DATE: JAN 29/82

SPECIMENS AT EACH AGE:

| | AGE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10+ | UNKNOWN | TOTAL |
| NO. AT AGE | 0 | 10 | 26 | 16 | 9 | 2 | 2 | 1 | 0 | 0 | 34 | 100 |
| % AT AGE | 0.00 | 15.15 | 39.39 | 24.24 | 13.64 | 3.03 | 3.03 | 1.52 | 0.00 | 0.00 | 0.00 | 100.00 |
| LENGTH - MEAN(mm) | 0.00 | 151.30 | 178.31 | 201.81 | 206.89 | 227.50 | 236.50 | 231.00 | 0.00 | 0.00 | 192.50 | 189.44 |
| - STD. DEV. | 0.00 | 8.49 | 8.42 | 8.38 | 7.99 | 3.54 | 2.12 | 0.00 | 0.00 | 0.00 | 19.96 | 22.36 |
| WEIGHT - MEAN(gm) | 0.00 | 50.50 | 81.38 | 114.94 | 124.89 | 172.50 | 188.00 | 183.00 | 0.00 | 0.00 | 101.24 | 99.30 |
| - STD. DEV. | 0.00 | 8.38 | 12.63 | 19.18 | 15.15 | 4.95 | 7.07 | 0.00 | 0.00 | 0.00 | 30.43 | 34.55 |

HJORT MATURITY STAGES:

| | MATURITY STAGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | UNKNOWN |
| NO. AT STAGE | 0 | 1 | 6 | 93 | 0 | 0 | 0 | 0 | 0 |
| % AT STAGE | 0.00 | 1.00 | 6.00 | 93.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

ROE MATURITY (FEMALE):

| | IMMATURE | MATURE | SPENT | TOTAL |
|---|---|---|---|---|
| NO. | 46 | 0 | 0 | 46 |
| % | 100.00 | 0.00 | 0.00 | 100.00 |
| % SAMPLE WEIGHT | 0.00 | 0.00 | 0.00 | 0.00 |

SEX RATIO:

| | MALE | FEMALE | IMMATURE | TOTAL |
|---|---|---|---|---|
| NO. | 54 | 46 | 0 | 100 |
| % | 54.00 | 46.00 | 0.00 | 100.00 |
| MEAN WEIGHT | 92.00 | 107.87 | 0.00 | 99.30 |
| % SAMP. WT. | 50.03 | 49.97 | 0.00 | 100.00 |

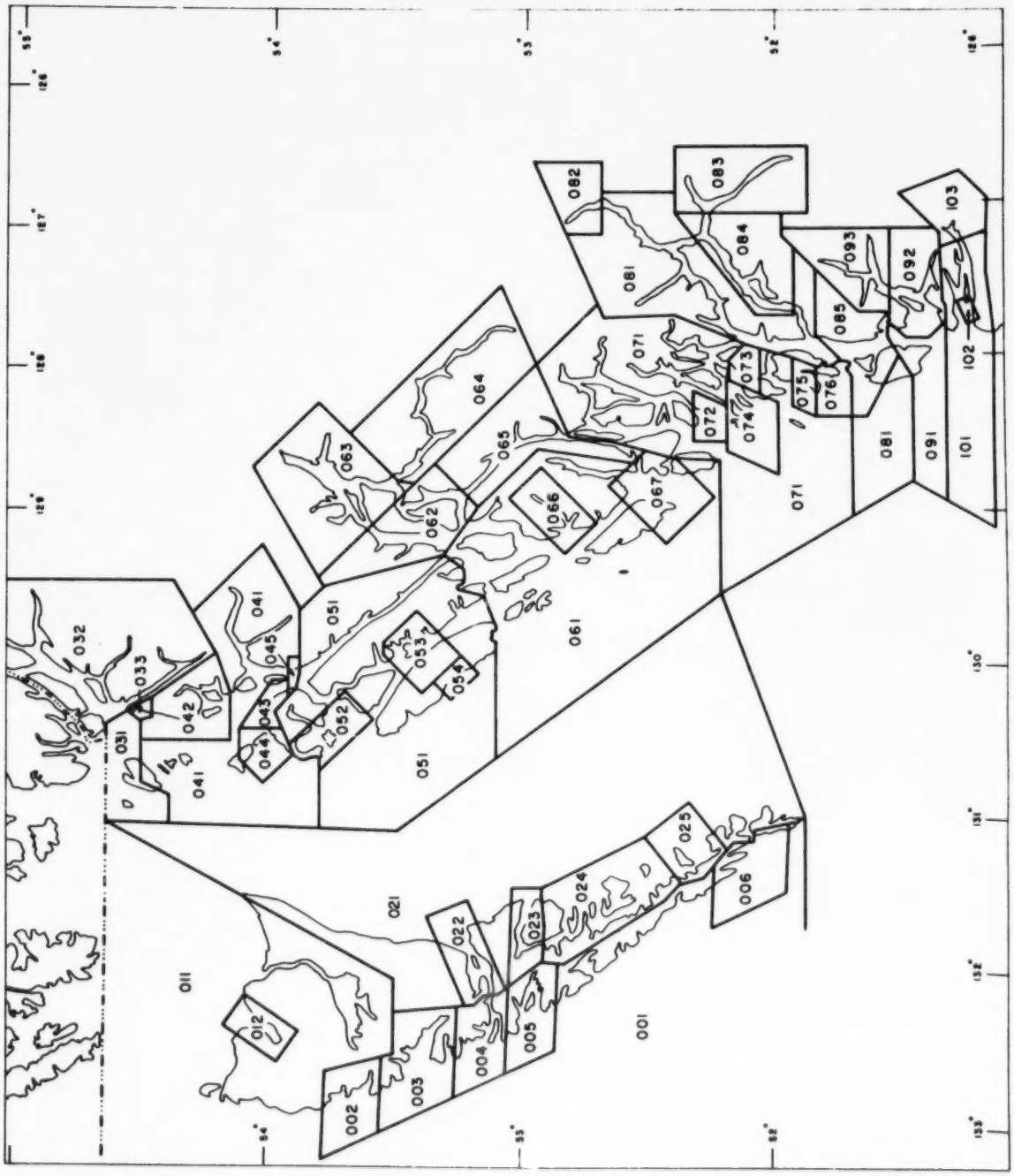


Fig. 1. Herring sections in northern British Columbia.

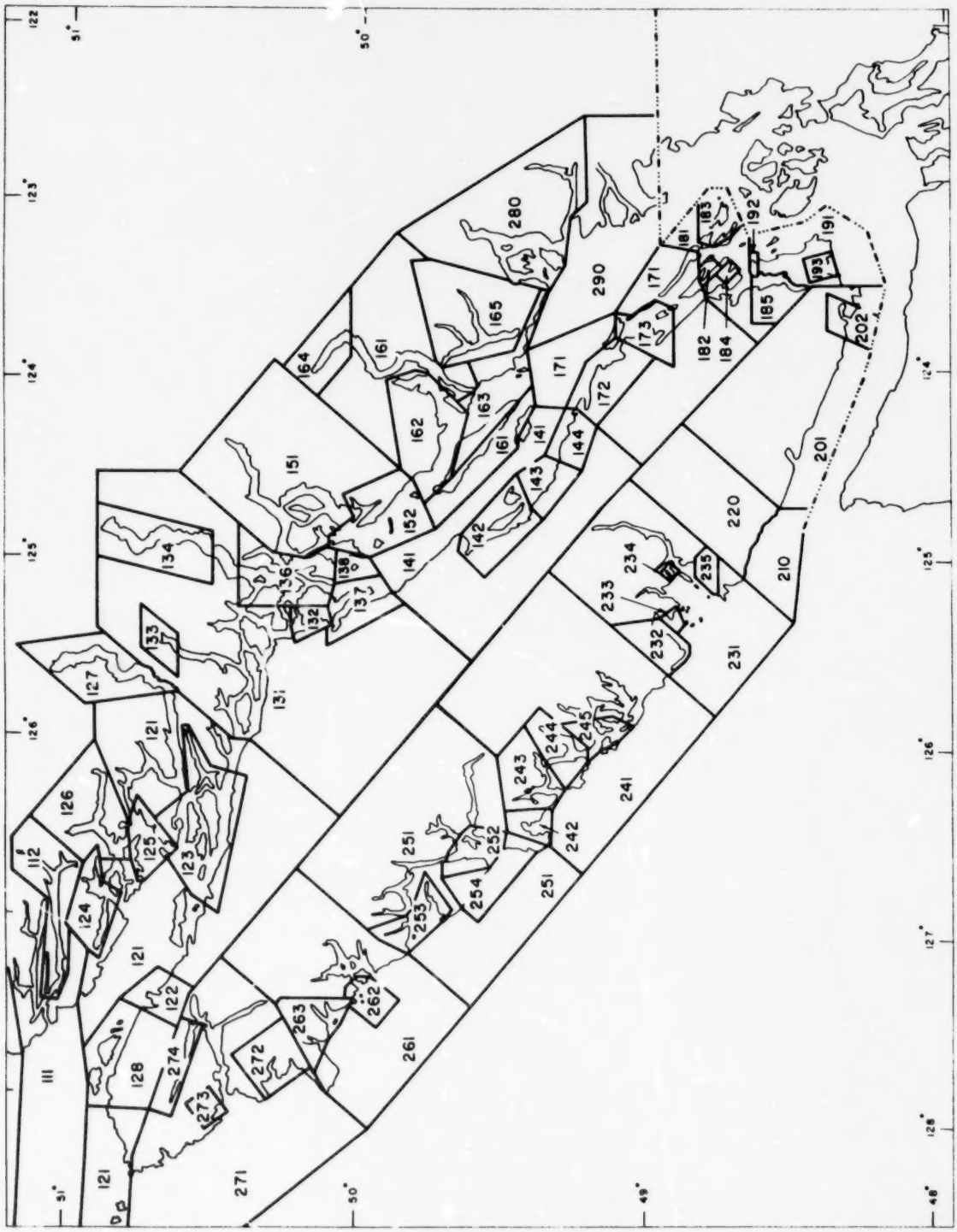


Fig. 2. Herring sections in southern British Columbia.

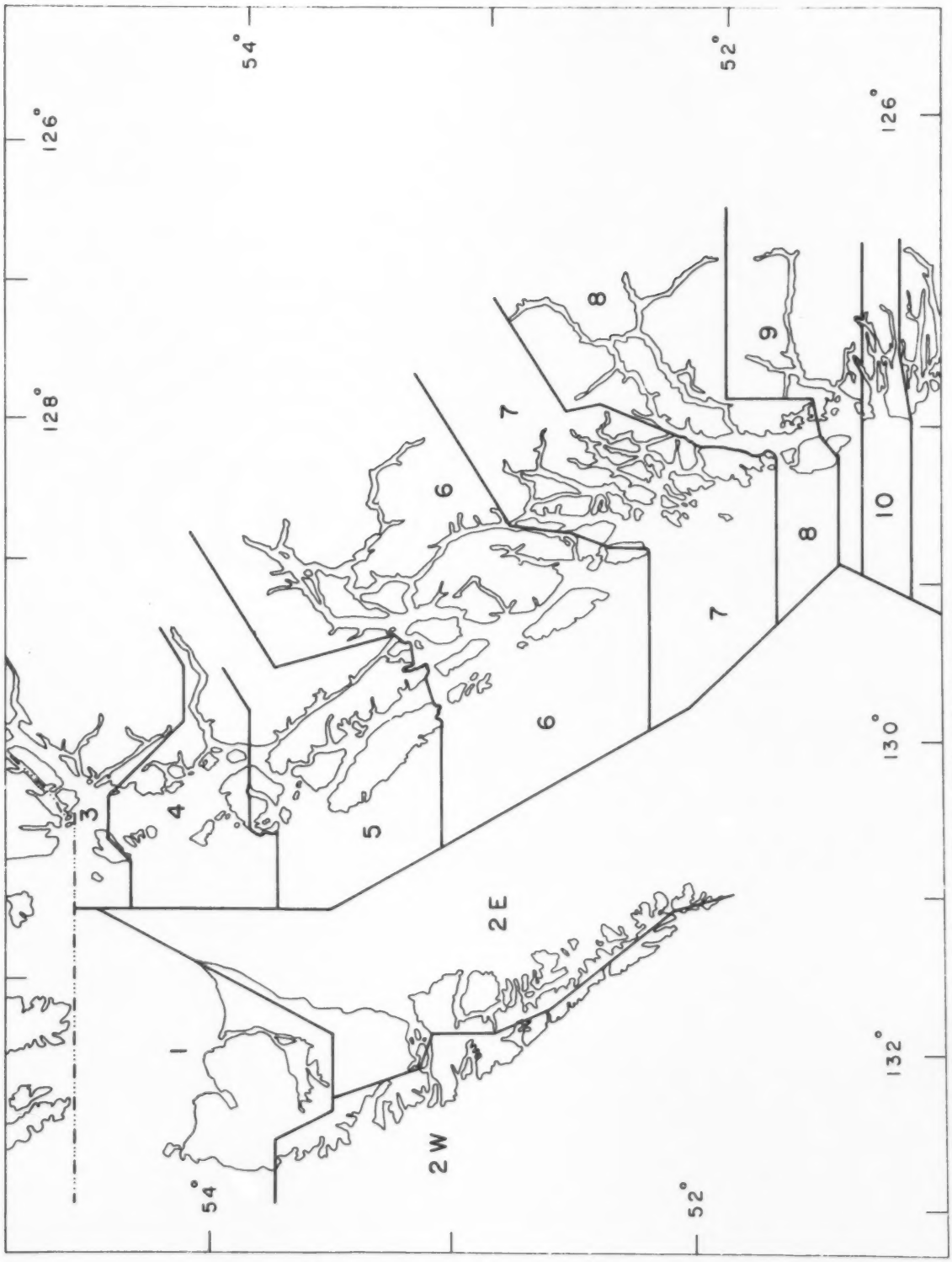


Fig. 3. Statistical areas in northern British Columbia.

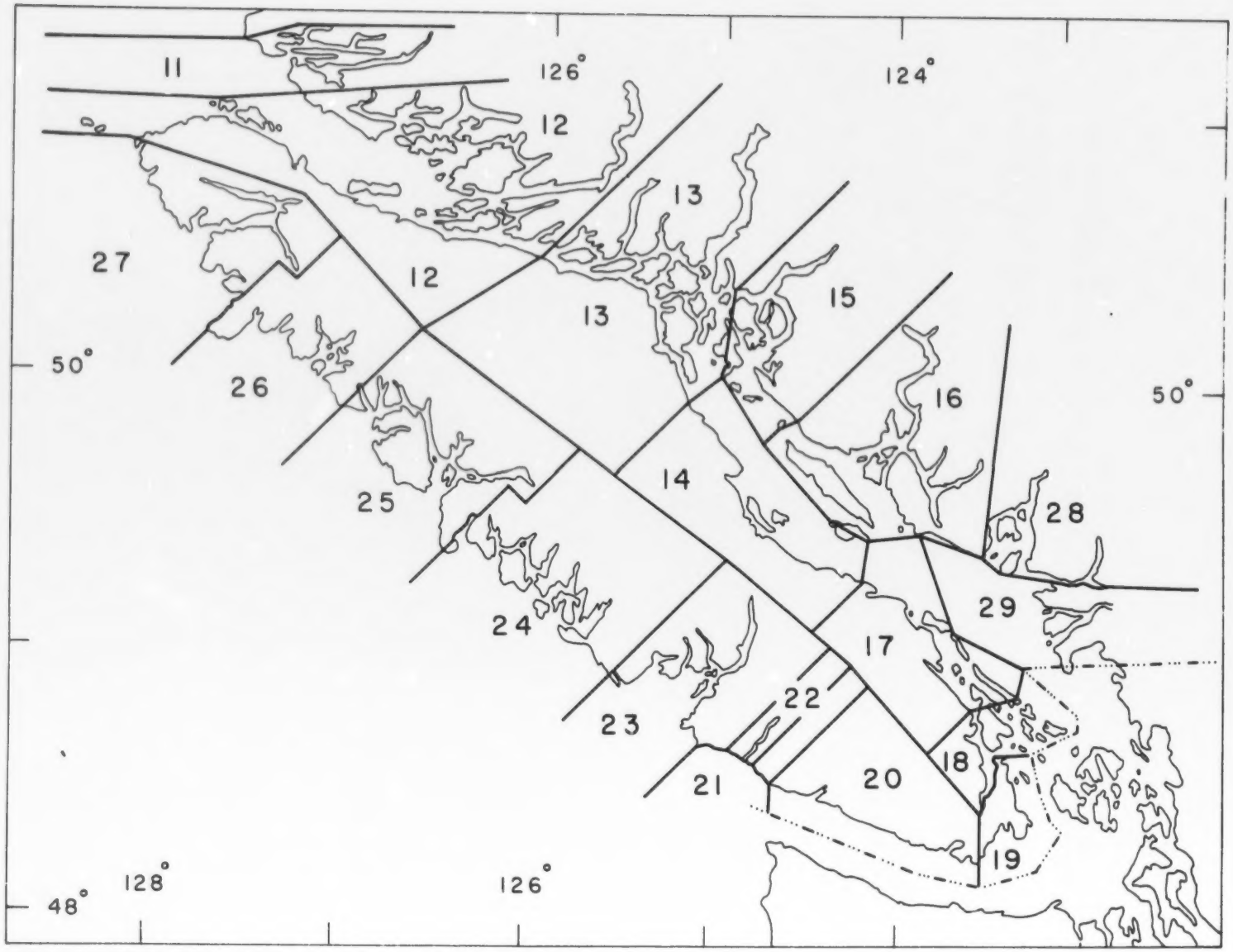


Fig. 4. Statistical areas in southern British Columbia.